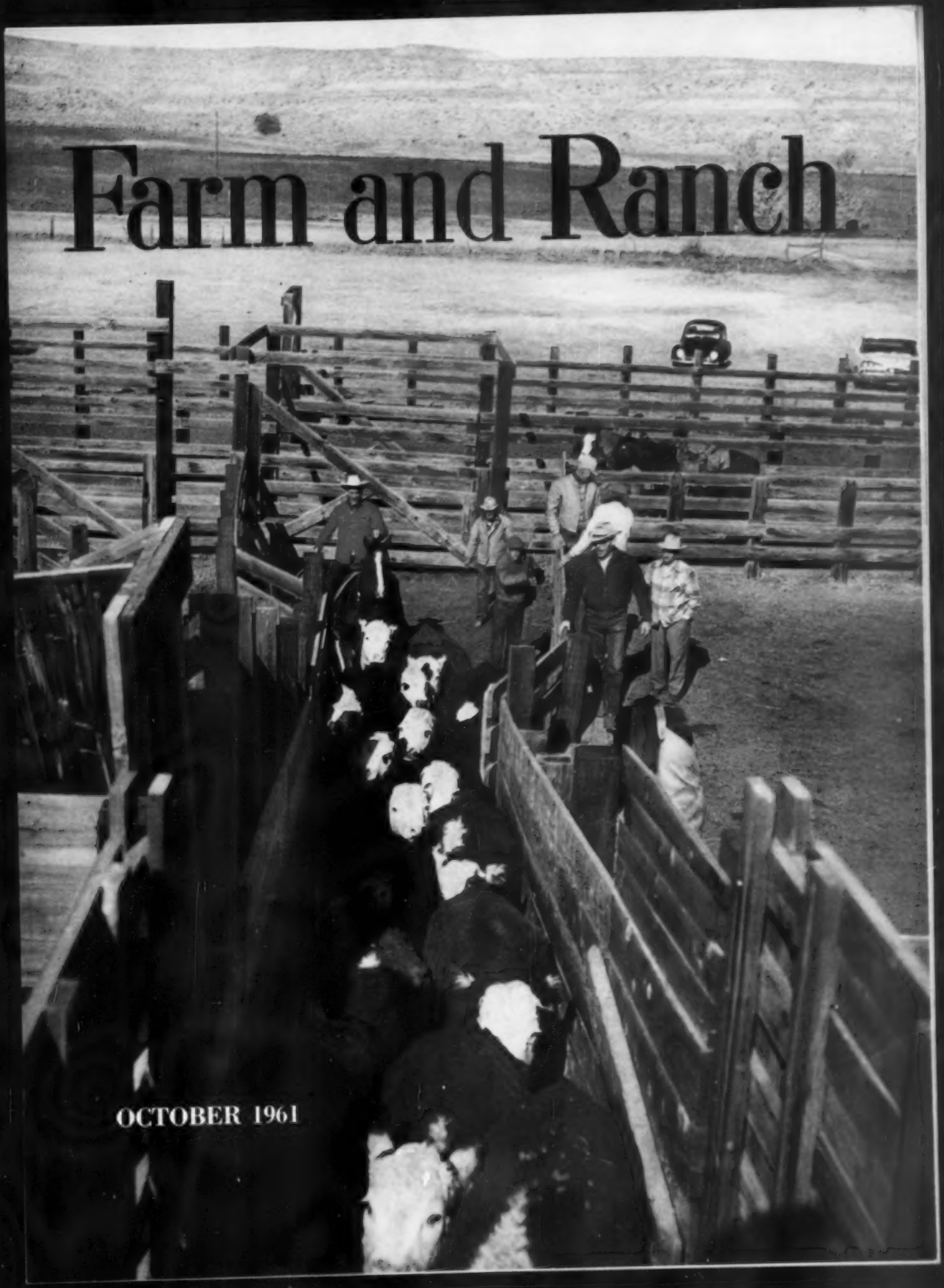
Farm and Ranch.



OCTOBER 1961

"I can't see how we ever got along without this extension phone"

John Randles manages the Hull-Dobbs purebred Hereford farm in Fayette County, Tennessee. About 500 head of cattle on 1300 acres keep John and six hired men busy around the clock.

The daylight center of operations is the big cattle barn that lies back in the pasture a considerable distance from the house. John spends 10 to 12 hours a day in and around this building. And that's where the problem came in.

With ten or more important calls coming in on the house phone each day, John was like a base runner caught between second and third. Often Mrs. Randles had to come out to the barn to fetch him while a Long Distance call waited on the line. Many of these calls involved thousands of dollars in cattle sales or co-ordinating show-circuit trips with the Hull-Dobbs headquarters farm in Mississippi.

So John reasoned that while a man can't be at two places at the same time—a telephone can. He had an extension phone installed in the barn with a loud bell attached that his wife can ring from the house.

Now John handles his calls from the barn—keeps himself and his men on the job. And, even when he's at the house, he can call his men—or they can call him.

John's extension is saving him an hour to two hours a day. Counting the improved use of the time of his six men, the saving likely adds up to five or six hours a day. And no important calls need ever be missed or postponed.

"It used to take a man up to half a day to get in touch with me," John told us. "Now with this phone here in the barn, a half a minute is more like it. I can't see how we ever got along without this extension phone."

You don't have to save as much time as John Randles saves to afford an extension. Five or six minutes a day will do it. Why not check up and find out how much you can save? Then give your Bell Telephone Business Office a call. They'll be glad to help.

BELL TELEPHONE SYSTEM

"Our home is 'Hospitality Headquarters' since we installed Philgas."

"Karen wanted a place where she could entertain her friends," Mrs. Hansen explained. "So Dad fixed up the basement. Now it's headquarters for the whole crowd. Our basement is a cheerful place . . . warm and clean and comfortable now that the furnace operates on Philgas.* No smoke, no soot, no oily fumes. In the summer we use Philgas for air-conditioning, too. No wonder the young people like to drop in."

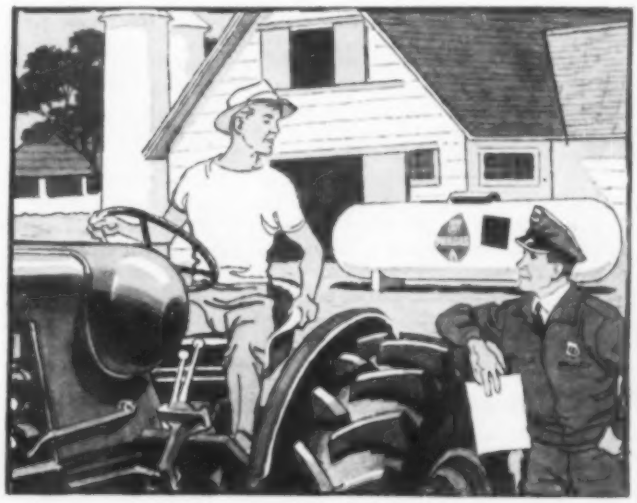
*Philgas is the Phillips Petroleum Company trademark for its high quality LP Gas.

Kids love to cook. And when things spill, my gas range is easy to clean up.

Plenty of room for soft drinks and ice cubes in our big refrigerator using Philgas.

Hot water . . . lots of it! Our Philgas water heater is an invitation to do the dishes!

A good thing about using Philgas on the farm, too, is the fact that you can save money on the low bulk rates. What you save can pay for extra comforts in your home . . . an automatic clothes dryer or incinerator. Or, you may want to add a crop dryer, stock tank heater or brooder to your farm equipment. See your Philgas Distributor. He can show you how little it costs to enjoy comfort and convenience with Philgas.



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PHILLIPS PETROLEUM COMPANY
Bartlesville, Oklahoma

SERVING SUBSCRIBER FAMILIES OF THE SUNBELT FROM COAST TO COAST

Farm and Ranch

The business of farming magazine

Edited by CROPLINES for YOUR type-of-farming area

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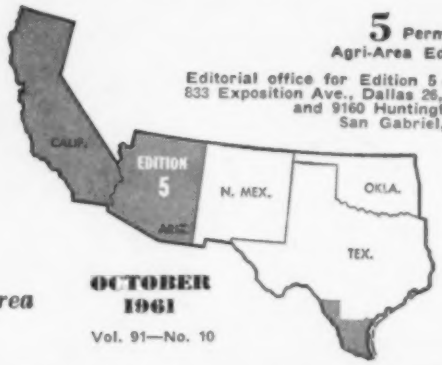

OCTOBER 1961

Vol. 91—No. 10

Eight Out of Ten Farmers Say "No" to Freeman and Farm Controls

RESULTS of the FARM AND RANCH survey "What Do YOU Think?"—sent to readers as a page in our August issue—again re-emphasizes the opposition of farmers in the South and West to the government's continuous meddling with their business.

Propaganda from politicians and some "bleeding heart" members of the farm press to the contrary (and despite the noise they will make over the wheat referendum—see "Washington Wire," page 46) . . . farmers of the Sunbelt voted 84% against the Feed Grains bill; 83% said they are against, not only the Omnibus Bill, but against government production and price control in *any* form.

Asked the question, "Do you believe that Orville Freeman is doing a good job as Secretary of Agriculture?", 83.5% said No. (On a similar survey question about Ezra Benson in 1958, 55% said Yes.)

On the question, "Which farm organization more nearly represents your views?", 72% said American Farm Bureau; 7% said Farmers Union and 4% said the National Grange.

It's important to note that the people who answered were *real* farmers—people in the business. Some 99-plus% of those answering the survey said they either own, live on, manage or work on a farm. And the survey figures are amazingly in line with the way farmers have voted in other polls. (More about this in "Washington Wire.")

Percentages given here were arrived at from the first approximately 1,500 returns. As we go to press, each mail is bringing more answers—but the percentages in each case remain monotonously constant. For complete details of final results, write FARM AND RANCH Survey Editor, Nashville.

COMING: Forecast on Farm Business

IF the number of farms continued to drop at the rate of the past five years (latest census period), we would run slap out of farms by 1974. Naturally, that's not apt to happen. But be sure to watch coming issues of FARM AND RANCH for a prediction on what will happen in that period in our circulation area.

This very interesting and exciting article will forecast the future of agriculture in the Sunbelt states. Our staff has been working with farm economists from Washington west in efforts to give you a peek ahead.

Because the picture *is* different in the different sections, the writers will tell individual stories for each of our area editions. And while their predictions may not hit the nail on the head in each case—because of the unknowns involved—we are sure you will find this forecast both interesting and helpful.

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Cover transparency by F. P. G.

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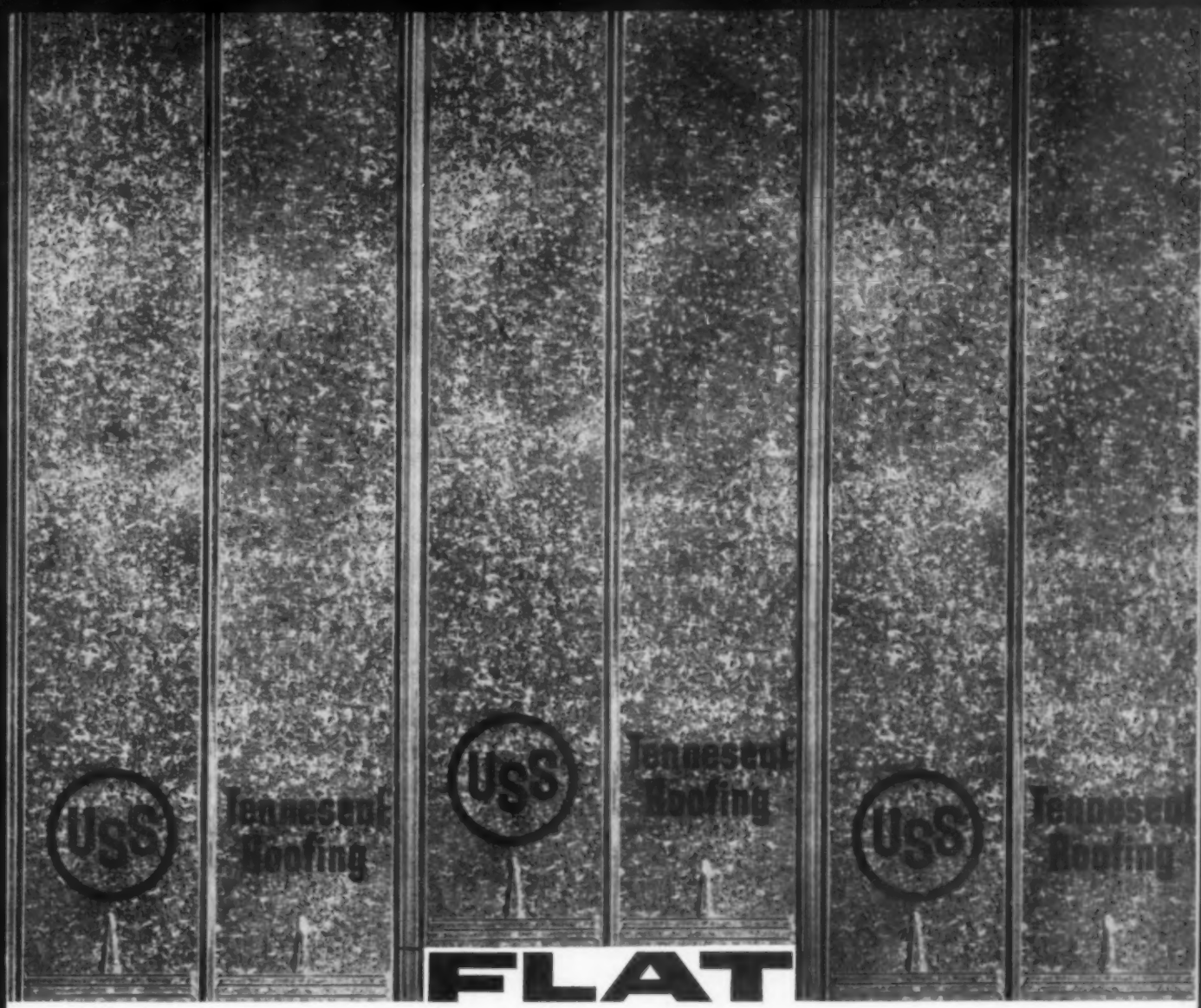
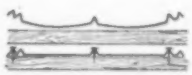


Only specially designed USS Tenneseal Roofing gives you these important features



FLAT

Exclusive Tension Curve makes each sheet lie flat and tight against roof decking.

STRONG

Made from top grade steel—snows won't buckle it, winds can't rattle it.

DRY

Rain can't get under side laps—unique V-Drain shuttles water down side channels.

TIGHT

Triple cross crimps and pressure end lips make sheets hug tight.

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Tennessee Coal & Iron
Division of
United States Steel

This mark tells you a product is made of modern, dependable Steel.

At Last—A Hospitalization

PAYS $100 WEEKLY from FIRST DAY for LIFE

NO WAITING PERIODS • ONLY YOU CAN

To the one American in four who does not drink, we are pleased and proud to offer the Gold Star Total Abstainers Hospitalization Policy, which will pay you $100 a week in cash, from your first day in the hospital, and will continue paying as long as you are there, even for life!

If you do not drink and are carrying ordinary hospitalization insurance, you are of course helping to pay for the accidents and hospital bills of those who do drink. Alcoholism is now our nation's #3 health problem, ranking immediately behind heart disease and cancer. Those who drink have reduced resistance to infection and are naturally sick more often and sick longer than those who do not drink. Yet their insurance . . . UNTIL NOW . . . cost the same as yours. NOW with the Gold Star Plan, your rates are based on the SUPERIOR HEALTH RECORDS of Non-Drinkers! Why should you help pay for the hospitalization of those who ruin their health by drink? Gold Star rewards you instead of penalizing you for not drinking!

Now, for the first time, you can get the newest and most modern type of hospitalization coverage at an unbelievably low rate because of the Gold Star Policy which is offered only to non-drinkers. With this policy, you receive $100 a week in cash, from the first day and as long as you remain in the hospital! This money is paid to you in cash to be used for rent, food, hospital or doctor bills . . . anything you wish. Your policy cannot be cancelled by the company no matter how long you remain in the hospital or how often you are sick. And the present low rate on your policy can never be raised simply because you get old, or have too many claims, but only in the event of a general rate adjustment up or down for all policyholders!

Outstanding Leaders Say:

DR. ROBERT G. LEE, former Pastor, Bellevue Baptist Church, Memphis, Tenn., and three-time President Southern Baptist Convention: "After looking over and reading what is said in the Gold Star Hospitalization Policy, I must say that it is the most unique and unusual and appealing policy I have ever heard of. For your part in making known to me this wonderful policy and the benefits thereof, I am, and shall be as long as I live, most grateful."

DR. DANIEL A. POLING, noted minister and Editor of The Christian Herald: "The advantages of a hospital plan which is available to non-drinkers only are obvious. The lower rate is made possible because you are not paying the bills for the illnesses and accidents of those who use alcohol."

DR. E. STANLEY JONES, Noted Evangelist, Author, Missionary Statesman: "It is a pleasure for me to recommend the DeMoss Associates GOLD STAR Hospitalization Plan for total abstainers. An insurance plan such as this which provides special consideration and service to those who do not impair their health by drink is very long overdue."

One out of every seven people will spend some time in the hospital this year. Every day over 43,000 people enter the hospital . . . 32,000 of these for the first time! No one knows whose turn will be next, whether yours or mine. But we do know that a fall on the stairs in your home, or on the sidewalk, or some sudden illness, or operation could put you in the hospital for weeks or months, and could cost thousands of dollars.

How would you pay for a long siege in the hospital with costly doctor bills, and expensive drugs and medicines? Many folks lose their car, savings, even their home, and are sunk hopelessly in debt for the rest of their lives. We surely hope this won't happen to you, but please don't gamble! Remember, once the doctor tells you it is your turn to enter the hospital, it's too late to buy coverage at any price.

THE GOLD STAR PLAN MAKES IT EASY

With a Gold Star Total Abstainers Hospitalization Policy, you would receive $100 per week in cash, as long as you remain in the hospital. If your hospital stay is less than one week, you still collect at the rate of $14.29 per day. Even if you are already covered by another policy, the Gold Star Plan will supplement that coverage, and will pay you directly, in addition to your present policy.

This wonderful, generous protection costs only $4 a month for each adult, age 19 through 64, or $40 for twelve full months. For each child under 19, the rate is just $3 for a month's protection. And for each adult of age 65 through 100, the premium is only $6 a month.

And, remember, with Gold Star, the NO-LIMIT Hospital Plan, there is no limit on how long you can stay in the hospital, no limit on the number of times you can collect (and the Company can never cancel your policy) and no limit on age!

GUARANTEE

Money-Back Guarantee

We'll *mail* your policy to your home. No salesman will call. In the privacy of your own home, read the policy over. Examine it carefully. Have it checked by your lawyer, your doctor, your friends or some trusted advisor. Make sure it provides *exactly* what we've told you it does. Then, if for any reason whatsoever you are not fully satisfied, just mail your policy back within ten days, and we'll cheerfully refund your entire premium by return mail, with no questions asked. So, you see, you have *everything* to gain and nothing to lose.

This Plan Offered Exclusively By

DE MOSS ASSOCIATES, Inc.

VALLEY FORGE, PENNA.
and AFFILIATES

"Special Protection for Special People"

Plan for Non-Drinkers Only!!

to readers of FARM and RANCH

CANCEL • NO AGE LIMIT • NO SALESMEN

Read What A Blessing This Protection Has Been To Others:

Mildred P. Mason, Westminster, South Carolina—"Let me thank you for your kind letter and also the check. Your company is one to be praised for having a Christian Organization and one that you may take insurance with and know that you are dealing with Christian people."

Mrs. Grace Tilley, Cairo, Georgia—"I sure was proud of my check you sent me. I was so deep in debt until I didn't know what I would do. But the good Lord answered my prayers, and I do thank you for helping me. I will tell others how good your insurance is."

Bruce Mitchell, Decatur, Alabama: "I certainly do thank you for the check which I received for my claim. Naturally a person is sometimes a little skeptical about insurance which he knows nothing about, but your Company does everything it says it will."

Mrs. W. R. Carson, Belzoni, Mississippi—"I want to thank you all for the wonderful way you paid me off when I was so sick at two different times in the hospital just a few weeks apart. If it had not been for your help and kindness I could have never been able to pay my hospital and doctor's bill. Wish I could think of words to tell you how much I do appreciate what you did for me."

W. P. Funderbuck, Shreveport, Louisiana: "Thank you so much for the check which I received for my recent surgery and twelve days in the hospital. The Gold Star Policy and your service have been a life saver to me."

Check These Remarkable Features:

- Guaranteed renewable. (Only YOU can cancel)
- Good in any lawfully operating hospital anywhere in the world!
- Pays in addition to any other hospital insurance you may carry.
- All benefits paid directly to you in cash!
- All claim checks are sent out Airmail Special Delivery!
- No age limit.
- Immediate coverage! Full benefits go into effect noon of the day your policy is issued.
- No limit on the number of times you can collect.
- Pays whether you are in the hospital for only a day or two, or for many weeks, months, or even years!
- No policy fees or enrollment fees!
- Ten-day unconditional money-back guarantee!

Only Conditions Not Covered

The only conditions this policy does not cover are: pregnancy; any act of war; pre-existing conditions; or hospitalization caused by use of alcoholic beverages or narcotics. Everything else IS covered.

HERE'S ALL YOU DO:

1. **Fill out application at right.**
2. **Enclose in an envelope with your first payment.**
3. **Mail to DeMoss Associates, Inc. Valley Forge, Pa.**

YOU WILL RECEIVE YOUR GOLD STAR POLICY PROMPTLY BY MAIL. NO SALESMAN WILL CALL.

ADDITIONAL GOLD STAR BENEFITS

Pays $2,000 cash for accidental death.

Pays $2,000 cash for loss of one hand, one foot or sight of one eye.

Pays $6,000 cash for loss of both hands, both feet, and sight of both eyes.

RUSH COUPON NOW!
TO ASSURE YOUR PROTECTION

APPLICATION FOR 357-1061

Gold Star Total Abstainers Hospitalization Policy

My name is _____

Street or RD # _____

City _____ State _____

Date of Birth: Month _____ Day _____ Year _____

My occupation is _____

My beneficiary is _____

I also hereby apply for coverage for the members of my family listed below:

NAME	DATE OF BIRTH	AGE	RELATIONSHIP	BENEFICIARY
1.				
2.				
3.				
4.				

Have you or any member above listed been disabled by either accident or illness or have you or they had medical advice or treatment or have you or they been advised to have a surgical operation in the last five years? Yes ☐ No ☐

If so, give details stating cause, date, name and address of attending physician and whether fully recovered _____

I hereby certify that neither I nor any member above listed uses alcoholic beverages and I hereby apply to The Gold Star Total Abstainers Hospitalization Policy for a policy based on the understanding that the policy applied for does not cover conditions originating prior to the date of insurance, and that the policy is issued solely and entirely in reliance upon the written answers to the foregoing questions.

Date: ..... Signed: X .....

GEN.-APP. 1010-4

HERE ARE THE LOW GOLD STAR RATES	IF YOU PAY MONTHLY	IF YOU PAY YEARLY
Each adult age 19-64 pays	$4.	$40.
Each adult age 65-100 pays	6.	60.
Each child age 18 and under pays	3.	30.

SAVE TWO (2) MONTHS PREMIUM BY PAYING YEARLY!

THE GOLD STAR PLAN is underwritten by the following leading companies (depending upon your State of residence):

GUARANTEE TRUST LIFE INSURANCE COMPANY
Chicago, Illinois

WORLD MUTUAL HEALTH & ACCIDENT INS. CO. OF PENNA.
King of Prussia, Pa.

MAIL THIS APPLICATION WITH YOUR FIRST PREMIUM TO **DE MOSS ASSOCIATES, INC.** VALLEY FORGE PENNA.

WHO GETS A THIRD OF EVERY EAR?

You wouldn't stint on the seed you buy or the fertilizer you spread. Because like all good farmers you know that the ground will yield proportionately to what you put into it. Well, then, who gets a third of every seed, every pound of fertilizer, who gets one third of every hour you spend working in the field?

Experts estimate that approximately 30% of the standing yield is lost to the following: natural drying in the field, loss by vermin, insects and birds and, finally, by rot and insect devastation while in inadequate storage. Who gets one third of every ear... nobody—it goes to waste. If you would like to know how to keep that third through proper and adequate drying and storage facilities why not contact your BS&B representative... he can show you how to save. He can show you how to make more with what you are now planting and producing.

For information on how to realize more profit from your farming operation, write: Dept. 7-A110 Black, Sivalls & Bryson, Inc., 7500 East 12th St., Kansas City, Mo.

LETTERS

• • • Someone a few years back said that he wanted Tom Anderson for President. Since then, after reading most of his editorials, I am completely against the idea. Just think what would happen to our country if he were President:

He would take government out of agriculture, which would ruin our farm surplus headache.

He would cut off all federal aid to education, and then the Federal Government couldn't tell the states how to run their schools and who would attend them.

He would take all loafers and prostitutes, who keep us well supplied with illegitimate children, off the welfare. How could we ever become a welfare state with that happening?

He would repeal the federal income tax. What would we pay Yugoslavia, Poland and India with?

Mr. Anderson would make too good an attempt to get America back on her feet again financially.

He would require students to take a "loyalty oath" which would set back the Communist cause.

Mr. Anderson has too many sound ideas to be President. What we need, and what we've got, is some "half-cocked" liberal who will sell us to Russia at bargain rates.

George Krumm *Hackberry, La.*

Rhyme and Reason

The phonys we put into office
Sneer at our trust in their plot,
They call us "The Masses," and then
make us asses,
By making us believe what is not.

They've steered us beyond all our
moorings,
They've let us fall off into space,
And while we are falling, the fact is
most galling,
That we ourselves gave them their
place.

Hold up! Let's look at the record,
And find out who led us astray,
Let's vote these men out, and then
turn about,
And return to America's way.

Wm. H. Collins *Houston, Tex.*

• • • We are near enough under dictatorship without giving Freeman any more power—he has got too much power already for one man.

A. H. Poole *Danville, Ala.*

PEERLESS ROLLER MILLS
FOR EAR CORN & SMALL GRAINS

10 to 20% BETTER FEEDING RESULTS

Feeders everywhere are switching to "Dust-Free" feeds prepared by Peerless Roller Mills and ROL-N-MIX Units. You get faster gains, better finish, more production.

New **ROL-N-MIX**
3 in 1 Feed Making Unit
The complete feed making and hauling unit. Provides roller mill, mixer and self unloading wagon. Available in two sizes.

CHALLENGER "All-Purpose" MILL
Crimps—Cracks all small grain and granulates ear corn. No dust—no stringy shucks—uniform rolling and granulation. A size for every feeding operation.

PEERLESS EQUIPMENT CO., Inc.
Dept. 6121 Joplin, Missouri

VACCINATE and BE SAFE!

THE PEAK OF QUALITY
COLORADO
Veterinary biologicals

Dependable Protection!
COLORADO brand Serums and Biologicals have a trouble-free record for over a quarter century in controlling livestock diseases. Produced under Government supervision.

VACCINES and SERUMS
for Cattle, Swine, Horses, Sheep, Turkeys

Local Dealers Nation Wide Distribution
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4950 YORK STREET • DENVER 16 COLO.
SEND NOW FOR FREE CATALOG

SAVE DO YOUR OWN CONCRETE CONSTRUCTION with **TRANSMIX**

UTILITY MIXER
Many times one concrete job can pay the entire cost of the mixer!

- Eliminates wheelbarrows
- Approved by tractor mfrs.
- Fits all major tractors
- Unconditional guarantee
- Mixes while transporting
- Dumps hydraulically
- Attaches in minutes
- No gears
- 1 or 1½ bag capacity

UNIVERSAL PULLEYS CO., INC.
384 N. Mosley • Wichita, Kansas

ROSES
39c
SHRUBS 9c
TREES
19c
SEE CLASSIFIED SECTION BACK OF BOOK THIS ISSUE
NAUGHTON FARMS
Box 415 Waxahachie, Texas

• • • I've just heard in the news that in Russia in a few years they'll have free bread for all. I didn't realize that they were so far behind the United States; for years we have had free bread and other benefits, too, for those who were too lazy to work.
Andrew Whitson Tiptonville, Tenn.

"Straight Talk" to School

• • • Please send me a copy of "Straight Talk" by Tom Anderson right away! I want to use it in my classes at school this fall. I have never read anything so good. I really needed this or something like it when I taught in Alabama in 1941-1951 in my Civics Classes. I had the required information about Communism, but not too much "backing." This would have been wonderful.
Mrs. E. Gray Eustis, Fla.

• • • Mr. Anderson's editorials are WONDERFUL! ! They are *clear, concise,* and *hard-hitting,* very much to the point and chock-full of common sense. He is also one of the best speakers I ever heard.
Marie M. Hemphill Indianola, Miss.

• • • I am a former officer of the United States Marine Corps and am now a teacher of Vocational Agriculture. We (our class) have a subscription to FARM AND RANCH. We do enjoy the magazine very much; however, the purpose of this letter is to commend you on the outstanding job you are doing with your monthly letter "Straight Talk." I am very pleased to know that many others believe in the many things that I do.
D. A. Jenkins Spottswood, Va.

. . . And Church

• • • As a Christian minister and a lover of American freedom, I want to take this opportunity to express to you my personal admiration for your stand against International Communism and the various ways it has infiltrated our country.

We have organized a small Christian Freedom Academy here July 4th and are doing all within our powers to help inform our Christian people of the dangers that threaten us.
Lewis S. Styons Roanoke Rapids, N.C.

• • • There was a wonderful feeling in my heart when I read Dr. Courtenay's column, "The Country Church" (September). It takes a great man and a great magazine to produce an article like this one. No wonder you have such a famous magazine. The September Cover is so beautiful!
Thurston Powell Alexander City, Ala.

• • • Your letter to General Benedict Arnold is certainly a masterpiece. I, for one, will do everything I can to

(Continued on page 12)

In DeKalb Sorghum

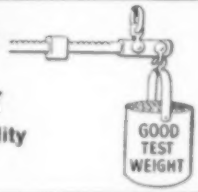
You Will Find All These PROFIT-MAKING FEATURES

STRONG STIFF STALKS
They Stand!

BIG-FULL OPEN HEADS
Quick Drying—No place for insects to hide

EARLY HARVEST
1st in the elevator

HEAVY TEST WEIGHT
High Quality Grain



FIRST

TO OFFER FREE SEED for REPLANTING... *Unconditionally*

Another first for DeKalb! DeKalb is first in sorghum research; first in results, and first in sales—DeKalb sorghum is planted by more farmers than any other brand! Now, another first—DeKalb is the first company to offer free seed for replanting—unconditionally.

Even with DeKalb sorghum seed there may be need to replant. You know that crop prospects can be ruined by such disasters as blowing sand, crusting or flooding. As a DeKalb customer you can receive replant seed FREE of charge. See your DeKalb Sorghum Dealer NOW—Don't Delay!

FIRST

TO DEVELOP THE NEW WONDER CROP—"SUDAX" SX-11

And still *another* first! DeKalb is first to develop the new and wonderful DeKalb "Sudax" SX-11. You can look the world over and you won't find a better pasture and green chop crop than DeKalb "Sudax" SX-11. "Sudax" SX-11 combines the quick growth of sudangrass with the sweet flavor of sorghum—and yields tremendously! Ask your DeKalb Dealer about this new wonder crop—"Sudax" SX-11. Get started with it in 1962.

Note difference in height—"Sudax" SX-11 at left, piper-sudan at right.

DEKALB RESEARCH BRINGS YOU THE BEST THINGS IN SORGHUM

DEKALB *Hybrid* SORGHUM

"DEKALB" is a Brand Name. The number is a Variety Designation.

PLANTED BY MORE FARMERS THAN ANY OTHER BRAND

ARE YOU SURE RUNS BETTER THOSE WE'VE

268 typical farm tractors were tested by dynamometer. Most of them were described by the owners as "not misfiring". . ."running good." But—test results showed 90% of those tractors had been losing large amounts of power and gas! Learn why. Learn how you could be fooled by a "smooth running" tractor . . .

The moment you drop your tractor in gear to start '61 harvesting, you face a 90% chance of losing money! And power! And gas! And time! Enough to really matter, too.

Why? Because 90% of *all* farmers—including thousands who think their tractors run fine—are fooled by their spark plugs. They think their plugs are "still good" because "they haven't started to misfire yet."

90% of all tractor plugs are borderline

But results from 14 mass dynamometer tests show that plugs in nine out of every ten farm tractors *do* misfire—"secretly." These plugs are *borderline*—older than 250 hours—and stealing surprising amounts of tractor performance with misfiring that even trained tractor mechanics can seldom hear or "feel."

Plugs go borderline before noticeably misfiring

And minute by minute these borderline plugs will continue to lose *more* performance; continue to steal more and more power, gas, time and money! (Eventually they *will* cause obvious misfiring. And most tractor owners will accept this as the usual signal to change plugs. But by this time they will have *already lost plenty* of expensive tractor performance—by replacing plugs far too late!)

YOUR TRACTOR THAN 90% OF TESTED?

Borderline losses average 7% of power and gas

How much will borderline plugs cost them . . . and you? One farmer, who attended our Iowa test, was losing $300 in gas money every year to borderline plugs. An Oklahoma farmer, who thought his tractor was "hitting all right," was losing eight full horsepower. And 90% of *all* 268 participating farmers were losing an average of seven cents on every gas dollar . . . and seven per cent of total horsepower!

Scene at one of 14 farm centers where tractors were tested by dynamometer for true engine performance. First with their old plugs; then with new Champions. Result at *every* test: Proof that 90% of the tractors had been running on borderline plugs.

250-hour plug changing ends all borderline loss

But you don't have to be fooled out of this kind of hard-earned cash and vital engine power. Not during '61 harvest. Not any time of year. And you don't have to attend a mass dynamometer test to learn how to avoid such borderline losses.

Simply install new, silvery-plated, full-firing Champions when your old plugs *really* start to "go." Tests prove that's every 250 hours.

USE THIS HANDY GUIDE TO DETERMINE WHEN YOUR PLUGS SHOULD REALLY BE CHANGED

IF THE AVERAGE USE OF YOUR TRACTOR IS . . .	REPLACE SPARK PLUGS EVERY . . .
1 Hour Per Day	10 Months
2 Hours Per Day	5 Months
3 Hours Per Day	3½ Months
4 Hours Per Day	3 Months
5 Hours Per Day	2½ Months
6 Hours Per Day	2 Months
7 Hours Per Day	1½ Months
8-10 Hours Per Day	1 Month

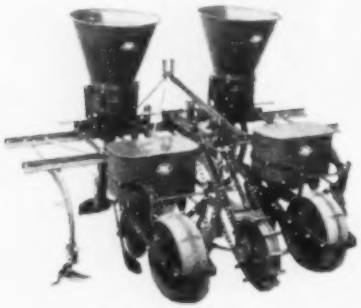
Based on 6-day work week, 26 working days per month

DEPENDABLE CHAMPION SPARK PLUGS

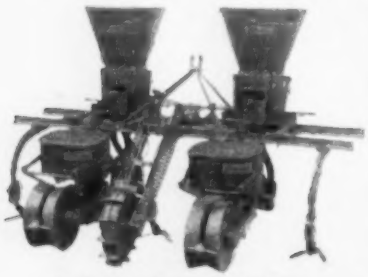
CHAMPION SPARK PLUG COMPANY • TOLEDO 1, OHIO

COLE MEETS YOUR PLANTING NEED WITH VARIETY PLUS VALUE

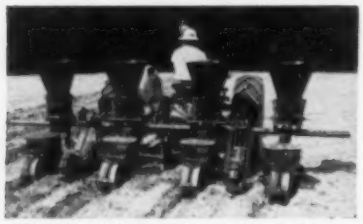
The most complete line available of one or multiple row planters and fertilizers including new speed and mulch units. Attach to cultivator frame, tool bar, tractor. Duplex grain hoppers interchangeable with cotton hoppers. Priced for farm economy.



Speed planter with twin-disc openers



Chain drive planters and fertilizer



Planters and fertilizers mounted on tool bar

COLE

SERVING FARMERS SINCE 1900

COLE MANUFACTURING CO.

Dept. FR-10, P.O. Box 9216
Charlotte 5, North Carolina

Please send me full information on the COLE planting and fertilizing units checked:

..... 4-Row ..... 2-Row 1-Row

Make of my tractor is .....

Name .....

Address .....

Town ..... State .....

Letters

(Continued from page 9)

see that it is read by as many people as possible.

Your efforts in the arena fighting Communism are certainly well recognized. I only hope that one day you will be recognized and honored for the great patriot that you are. If Communism is ever defeated, certainly you will have played a major role in its defeat.

Louis V. Rando *Memphis, Tenn.*

• • • I am sure you write the type of editorials you do for economic reasons.

Have you ever stopped to think how unfair the South has been to the Negro when it will permit the greatest enemies of this country to enjoy privileges that the Negro can't—enemies such as Khrushchev, Hitler, Tojo, Castro, Axis Sally, etc.? When you consider these and others who have dedicated their lives to the destruction of this country while the Negro has fought in every war, his foreparents worked free for 300 years in slavery and still we can't go in with a Ph.D. degree from Harvard and have a cup of coffee in a public place—no matter what you say, it's a damn shame!

I. E. W., Jr. *Longview, Tex.*

Fellow Nuts, Pro and Con

• • • It seems we have a few "nuts" in Mississippi, but I assure you that 99 44/100% of the white people are for you and Bill Kennedy (no relation to Jack and Bob, I hope).

It makes me glad to know that we still have a few *men* with enough guts to write the truth, which is almost a lost art.

J. M. Johnson *Sardis, Miss.*

• • • Tom Anderson's ideals are, to my way of thinking, most dangerous to this country—never for anything, but always against new ideas. He is, to my way of thinking, a dangerous right-wing radical — the kind that would drive any country to the opposite view eventually.

H. E. Williams, Sr. *Greensboro, Ala.*

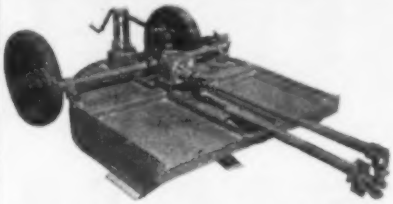
• • • Why not have Mr. Anderson on TV once a week? We need his *great patriotism* voiced to everyone in America.

Mrs. Bernie McCrea *Cisco, Tex.*

• • • I am not even going to head my letter with "Dear Sirs." I don't believe those writing such crap for farm magazines should deserve that much decency.

Kenneth Hurst *Chula, Mo.*

MADE TO WORK BUILT TO LAST



IT'S ALWAYS WORKING — ITS

BRUSH BEAVER

BRUSH BEAVER is rugged. Its frame, top and side plates, all reinforcements are heavier, stouter. Here is a rotary cutter that's built to stand up under the roughest use on the toughest jobs.

Its heat-treated spring steel Swinging Blade cuts 3-inch brush, chews up crop stalks, weeds, vines. Stationary shredding bars for finer cutting available.

Left side plate removeable for hay cutting. Lift type model also made. Compare with all other 5-foot rotary cutters and you'll buy BRUSH BEAVER. See dealer or write Dept. F.

E. L. CALDWELL & SONS Inc.
CORPUS CHRISTI • TEXAS

NEW!
Straight Talk Brochure

The latest collection of Tom Anderson's "Straight Talk" editorials is now available in booklet form. There are 12 editorials, from 1960, filled with Mr. Anderson's comments on such things as Communism in religion, domestic politics, foreign policy, taxes, the farm problem, and his interview with Spanish dictator Franco.

These are the words that make Tom Anderson the most quoted editor in the farm field, by far. You'll want them not only for yourself, but extra copies to send to your friends, congressmen, customers, libraries, schools.

Order your copies today. Prices 1 to 10 copies, 25 cents each; 11 to 100 copies, 20 cents each; 100 copies, 15 cents each. Send cash, check or money order to Dept. ST, FARM AND RANCH, 318 Murfreesboro Rd., Nashville, Tenn.

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FARMING AHEAD

THE LATEST FIRST

THE AVERAGE TON of poultry manure, including litter, as it comes from the house, is worth about $12, reports Univ. of Ark. agronomist L. H. Hileman. A ton of manure at 31% moisture will contain around 56 pounds nitrogen, 46 pounds phosphate and 36 pounds potash, he adds.

BEES GENTLE DOWN and honey harvest becomes easier with use of propionic anhydride, reports USDA.. An absorbent pad containing the chemical is placed into a special fume chamber. This chamber is fitted over a super. Air forced into the chamber drives bees into other supers or into brood chamber. Chemical does not affect honey flavor or odor.

SEEDING BERMUDA GRASS works better than sprigging for J. W. Helm, Belview, Ark. Helm says—for him—seeding is cheaper than sprigging and that he can seed a big acreage in a year. On May 15, he mixed 3 pounds hulled Bermuda seed with fertilizer and planted in 36-inch bands on top of ground. By July 15, he had a good stand with runners reaching to middles.

LOSS OF FARM-STORED GASOLINE can easily be cut from 10-15%—where it is stored in a vented, unpainted tank in the sun—to practically zero. Use a pressure cap. Put tank in shade, or paint it white.

WAGES FOR FARM WORKERS average higher than for farm owners in many cases. USDA reports that the July, 1961 wage for a farm worker supplied with a house was $203 monthly. Report also shows farm wage rates increased over 600% since 1910-14, while prices received by farmers increased 234%.

SEWAGE CONTAMINATES 6 of every 10 rural wells, says U.S. Public Health Service. Bill Cox, Auburn Extension Service, says of all wells less than 20 feet deep—three-fourths are contaminated. Of wells over 75 feet deep, one-fourth are contaminated. Answer is proper water disinfecting procedures.

REALLOCATION OF SUGAR QUOTAS first assigned to Puerto Rico and Hawaii to U.S. growers brings the domestic total to 3,315,000 tons for 1961. Beet producers get an additional 431,397 tons; cane growers were allocated 44,878 tons. Puerto Rico and Hawaii will be unable to deliver original allotments, according to reports.

A PLANT for taking Strontium 90 from milk is being tested at the USDA. Purpose is to provide a practical method of assuring safe food in case of nuclear attack.

LIGHTWEIGHT WHEAT and stained or weathered oats are eligible for price supports under relaxed rules, due to wheat stem rust in Nebraska and the drouth in the northern states harming the wheat crop; and heavy rains during harvest—particularly in the Carolinas—damaging oats.

IT TAKES ABOUT FOUR TIMES as much water to produce a bushel of corn without fertilizer as when fertilizer is used, according to Univ. of Ky. research. Tests showed that properly fertilized corn yielded 79 bushels an acre, compared with only 18 bushels for unfertilized corn. The fertilized corn used 16 inches of water a season; unfertilized corn used 14 inches.

OLD NON-BEARING STUART PECAN trees in Georgia fertilized with 100 pounds 4-12-12 per tree, plus 3.35 pounds nitrogen, brought a yield of 66 pounds pecans per tree the first year. Workers at Southeast Ga. Exp. Sta. say such response cannot be expected from diseased pecan trees or those not protected against disease and insects.

SAVING 31 TONS OF EXTRA SILAGE with plastic covers on a typical 20 x 100 foot silo is the finding of Harry Wellhausin, Arkansas Extension Service agronomist. That's equal to $248 in dividends. Covers must be weighted with some material like sawdust over the entire surface.

(For more details, write Farming Ahead Editor)

Why settle for partial results?
IMPROVED CATTLE WORMER
RIDS WORMS, PAYS PROFIT

Today cattle must be kept in worm-free condition to make the maximum gains necessary for "top dollar" profit. Profit robbing parasites sap the strength and vitality of your livestock, lower their natural resistance to diseases, interfere with breeding ability, and cost you more money per pound of weight gained.

WORM INFECTION STARTS EARLY

Better parasite control is now available to livestock raisers by using a superior drench formula recently awarded a U. S. Patent. The formulation of this outstanding drench is credited with its superior results. Made with *purified* phenothiazine, micronized for maximum efficiency, Dr. Rogers' Tena-Bov disperses a concentrated dose into the fourth stomach and intestinal tract. Tests prove this action kills more worms and more kinds of worms with little of the formula being absorbed.

Get the best possible results from your cattle by using Dr. Rogers' Tena-Bov, the patented, *purified* drench. Ask your dealer to order Tena-Bov. Texas Phenothiazine Company, Box 4186, Fort Worth, Texas.

Quick relief to TOUCHY TEATS!
Caused by chapping, cracking, minor cuts, etc.
CORONA OINTMENT
Extra-rich in Lanolin. Contains odorless antiseptic. For all minor farm healing jobs.
8 oz. $1.25; 1¼ lb. $2.75 At Dealers or Ppd." It's Lantiseptic! Trial Sample 10c—Write "CORONA", Box R11, Kenton, O.

KILL MICE OVERNIGHT!
ALSO KILLS RATS, ROACHES, GOPHERS
STEARNS' ELECTRIC BRAND PASTE
AT DEALERS ONLY 49¢
STEARNS' ELECTRIC PASTE CO., Chicago 2, Ill., Dept. FR

Works in seconds!
Loosens Rusted Bolts
nuts, screws, "frozen" parts!
LIQUID WRENCH
SUPER-PENETRANT
The super-penetrating rust solvent that quickly loosens rust and corrosion.
AT ALL HARDWARE AND AUTO STORES
RADIATOR SPECIALTY COMPANY
CHARLOTTE, N. C.

Livestock Letter

the Latest First—on beef, dairy, swine, sheep

POOR PASTURE CONDITIONS could result in earlier and larger marketings of cows and grass cattle this fall. Some cattle have already been shipped out of dry areas, but large numbers of these cattle have not moved to slaughter. Sharp increase in cattle slaughter due to drouth does not appear imminent, but the situation bears watching.

NOW 2% MILK is being sold in California. Distributors were permitted to start sales Sept. 15.

MILK DENSITY can now be measured while it is flowing through a pipeline. Previous methods required that a sample be removed from the container and tested in a laboratory, a process that could take hours. Univ. of Tenn. scientists developed the new method, which uses radioactive cesium-137.

PELLET MILO AND HIGH ROUGHAGE RATIONS? Conclusions at Okla. Exp. Sta. are that pelleting lowers the feeding value of a concentrate but improves nutritive value of high roughage rations.

FACE FLY IS MOVING WEST AND SOUTH. The pest has turned up in Wyoming, South Dakota, Georgia and South Carolina—making 31 states now infested. At first it was thought that the fly couldn't survive hot weather, but new invasions prove this false. USDA suggests DDVP or pyrethrins plus synergist for control.

STEPS ARE EASIER FOR CATTLE to climb than an inclined ramp, says Louisiana Extension Service. Their specialists advise a rise of 8 inches for 3 feet of run with steps. Cows manage safer and steps take up less horizontal room.

NEW SCOURS MEDICINE called "PGE," which is a combination of a pregastric fat-splitting enzyme plus an antibiotic, will prevent and cure common calf scours, according to Dairyland Food Laboratories, Inc.

ANOTHER TENDERIZING PROCESS, this time on the hoof, comes from Univ. of Fla. Cattle are being injected before slaughter with a protein-splitting enzyme called papain. It's effective, in tests, for tenderizing meat, according to report.

PORK PRODUCTION will be 6.9% higher in the fourth quarter of 1961 than in the same period of 1960, with beef output up 2.7%. The first quarter of 1962 is estimated to be 7.4% greater than in the first quarter of 1961, with beef output up 2.6%.

DRINK UP, KIDS. The Dept. of Agriculture in Oregon has made changes in regulations to permit root beer-flavored milk.

Machines race time and new labor laws

THE labor situation is still uncertain —especially the bracero. House of Representatives has passed a bill extending the authority for U. S. interests to work with the Mexican government to bring in Mexican nationals for labor.

But the measure has run into Senate snags. Several amendments have been incorporated into the Senate version which would:

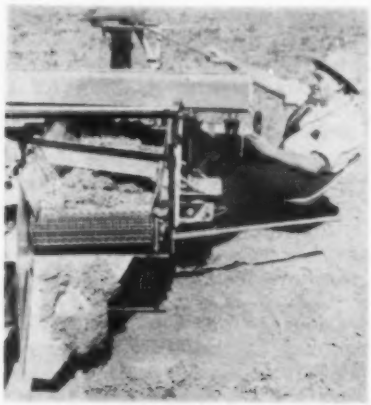
(1) Prohibit year-round use of Mexican nationals: (2) Prohibit the use of the imported labor on machinery; (3) Limit the use of braceros in processing jobs.

In addition to the Senate amendments, Senator McCarthy (D-Minn.) has promised to make a "definite effort" to make a floor battle to put in provisions for minimum wages for domestic labor.

McCarthy would have wages increased 10 cents per year until the minimum rate would be reached. Since the ruling is that bracero labor must be paid not less than 50 cents per hour or a rate equal to the prevailing domestic rate, such a provision would set up a wage spiral, say farmers.

The effect would be to ignore local wage rates or area rates in favor of state rates and to push the rate up annually regardless of conditions.

Thus machines take on greater importance.



NEW mechanical grape harvester—rapidly moving from drawing boards to the fields both in the East and far West—is example of fast-coming mechanization. This Davis model, new this year, cuts the fruit onto a continuous paper roll, then cuts the paper at the end of the row. It is expected to do the work of about 100 human grape pickers.

Mr. Farmer, if you like money...

CHANGE TO AMALIE

CHANGE TODAY! Mr. L. E. Glovier of Amarillo, Texas, has been *saving money* for the past 20 years, by using AMALIE Motor Oil in *all* his farm equipment! Year after year L. E. Glovier has farmed the tough West Texas plains with his 1945 model D John Deere tractor and 1945 Dodge truck. In *all* that 16 years of sod-bustin' labor, that John Deere tractor has had to be overhauled ONLY ONE TIME! And the 1945 Dodge truck has *never been overhauled one single time!*

SONNEBORN BROS., INC., 3025 TAYLOR ST., DALLAS 26, TEXAS, RI 1-6568

Better horse care begins with Absorbine

For farm, ranch or pleasure horse—no liniment made can touch the all-round good job that Absorbine does for you. Used directly on swollen tendons and tender areas, it draws the soreness out. Used as a wash after a workout, Absorbine helps horses cool out and keep sound and fit.

Buy it as an astringent, conditioner and gentle antiseptic. The large, long-lasting bottle is still only $2.50 at any druggist's.

ABSORBINE

W. F. Young, Inc., Springfield, Mass.

FIRST Name In Rotary Cutters

WOOD'S BRUSH-BULL

Pasture clipping—Corn and cotton stalk shredding—General Mowing

WOOD BROTHERS MFG. CO.
12110 S. 4th Street, Oregon, Illinois
Distributed by R. C. CROPPER CO., Macon, Ga.

NEWS BEHIND THE FARM NEWS

"How much fat, Mam?"

IF marbling is desirable to consumers, "then that's what we aim to give them," declares Dr. Ralph H. Durham of the Animal Husbandry Department at Texas Tech, Lubbock, in describing a fat injection system under development there.

Lab results from tests where heated beef fat was injected are startling. Lean cuts of meat with virtually no fat and no visable marbling were given a marbling effect hardly distinguishable from natural marbling.

Durham sees the method as a cheap way of putting fat into the tissue of slaughtered animals. Cheaper than feeding. He is also convinced that natural marbling is not correlated with tenderness; says if buyers and consumers *insist* on marbling, then fat injection can give it to them. While there have been some tests that tend to show fat affecting the tastiness of the cut, Durham believes "taste," too, can be enhanced by injection. He even makes a "hybrid flavor" product by injecting beef fat into lamb carcasses.

Just think. In commercial application cuts could be precision tailored for certain markets or to meet specific consumer demands. It is simple, according to Durham, to control the amount of fat and the degree of marbling in a cut of meat.

Details of the system are now being worked out at Texas Tech meats lab, and arrangements are being made to patent the procedure.

Patton to Goldberg: Farm labor combo

NATIONAL Farmers Union President James Patton—number one promoter of the Omnibus Farm Bill and the man who received from President Kennedy the pen that signed it—has fervently recommended that all producers of government-supported commodities be required to pay minimum wages. This ruling already applies to sugar cane producers.

Secretary of Labor Arthur Goldberg and Patton are working hand-in-hand on the proposals. Goldberg says legislation is needed that will protect the right of hired workers to organize into unions and bargain with their employers. Patton agrees.

Patton further suggests that minimum wage legislation be included as a part of all price support programs in a "single package" deal for congressional approval. In other words, all or nothing!

Secretary of Agriculture Freeman, meanwhile, is reported to be "leaving it up to Goldberg" — which means farmers will have a harder time than ever fighting off Minimum Wage when their support laws again come up for renewal.

State wants its money back

THE Attorney General of New Mexico declared that he would "bring suit as quickly as possible," to recover about $70,000 from some 30 ranchers who received state aid funds during the 1953-57 drouth. Some 3,100 stockmen received state funds in addition to federal funds during the period to buy feed for drouth stricken foundation herds.

A ruling by a previous attorney general that the New Mexico constitution made the distribution of aid to individuals and individual groups illegal was upheld by the state Supreme Court in August, 1957.

A total of about $2.3 million of state and federal funds was distributed in the state; and the court ruling left stockmen owing the state about $373,000. Attorney General Earl Hartley sent letters to aid recipients in July, asking them to repay the state. Since, Harley says he has received repayment of about $72,000 from 1,070 individuals.

The state's Farm Bureau is expected to fight the collection on grounds that state officials are the ones to be held responsible.

Big 'uns squeezing little 'uns?

AFTER holding three days of hearings in which members heard charges that big feed manufacturers are deliberately putting the squeeze on small operators to put them out of business, a special subcommittee of the House Small Business Committee scheduled a continuation of the hearings for September 13-14.

Feed industry people have been listening for results with keen interest. And observers expected some of the big companies to come up with some answers to the charges in this later series of the hearings.

Troubled poultrymen seek answers

ONE chicken rumor has it that the proponents of government controls for that industry—dispairing of all the heavy opposition—have now decided to try a new tact. They will try to "get through" to Congress by way of state commissioners of agriculture and other state officials.

Feeling in Washington is, however, that these groups will also have to meet the opposition—and that their chance of getting jumped-up emergency legislation in this session is slim.

Meanwhile, Arkansas poultrymen propose voluntary cut-backs to solve their own problem (see "Poultrygram"). And some claim that USDA estimates of hatching egg placements are painting the future darker than it really is.

One Arkansan ran his own check of hatcheries in that state right behind the release of USDA figures—and declares that after checking with every hatchery he came up with hatching egg placement totals 14% and 19% lower than USDA indicated.

USDA investigation proves "interesting"

THE Senate's Permanent Subcommittee on Investigations has completed its preliminary investigation into possible unlawful use of pressure tactics by USDA officials to get the Administration farm bill passed. This included several days of hearings of sworn testimony from people who were allegedly "threatened" by the government workers.

Chairman John McClellan (D-Ark.) has not (at press time) seen fit to release this testimony—was deeply involved in another investigation (of gamblers). But one Subcommittee member has said that the hearings, while showing some conflict, were very "interesting" and should be made available to the public.

How far the committee plans to persue the investigation is not known, but if he can get it out of the one-man's-word-against-another stage, there will surely be more from John McClellan on this subject. It has been said that crooked government officials are worst than crooked gamblers—you don't *have* to deal with gamblers.

MEN PAST 40

Who are Troubled with *Getting Up Nights*

Pains in Back, Hips, Legs, Nervousness-Tiredness, Loss of Physical Vigor

The Cause may be Glandular Inflammation

Men as they grow older too often become negligent and take for granted unusual aches and pains. They mistakenly think that these indications of Ill Health are the USUAL signs of older age.

This negligence can prove Tragic resulting in a condition where expensive and painful surgery is the only chance.

If you, a relative or a friend have the symptoms of Ill Health indicated above the trouble may be due to Glandular Inflammation.

GLANDULAR INFLAMMATION very commonly occurs in men of middle age or past and is accompanied by such physical changes as Frequent Lapses of Memory, Early Graying of the Hair and Excess Increase in weight . . . signs that the Glands are not functioning properly.

Neglect of such conditions or a false conception of inadequate treatments cause men to grow old before their time . . . leading to premature senility, loss of vigor in life and possibly incurable conditions.

NON-SURGICAL TREATMENTS

The non-surgical treatments of Glandular Inflammation and other diseases of older men afforded at the Excelsior Medical Clinic have been the result of over 20 years scientific research on the part of a group of Doctors who were not satisfied with painful surgical treatment methods.

The War brought many new techniques and many new wonder working drugs. These new discoveries were added to the research development already accomplished. The result has been a new type of treatment that is proving of great benefit to men suffering from Glandular Inflammation or Rectal and Colon trouble or Reducible Hernia.

COMPLETE EXAMINATION AT LOW COST

When you arrive here we first make a complete examination. You are examined by Doctors who are experienced specialists. You are frankly told your condition and cost of treatments you need. YOU THEN decide if you will take the treatments recommended.

Select Your Own Hotel Accommodations

Treatments are so mild that hospitalization is not necessary so the saving in your expense is considerable. You are free to select any type of hotel accommodation you may desire.

The Excelsior Medical Clinic is completely equipped to give the latest and most modern scientific Diagnostic and treatment services.

The highly trained Staff of Doctors and Technicians is so extensive that your physical condition may be thoroughly checked during the day you arrive here.

Treatments Are Particularly For Men

The Excelsior Medical Clinic is an institution devoted particularly to the treatment of diseases of men of advancing years. If you were to visit here you would find men of all walks of life. Here for one purpose—improving their health, finding new health in life and adding years of happiness to their lives.

During the past few years men from over 1,000 cities and towns from all parts of the United States have been successfully treated here at Excelsior Springs. Undoubtedly one or more of these men are from your locality or close by . . . we will gladly send you their names for reference.

Reservations Not Necessary

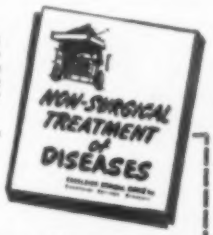
If your condition is acute and painful you may come here at once without reservation. Complete examination will be made promptly.

FREE ILLUSTRATED BOOK GIVES YOU FULL INFORMATION

This new FREE Book published by the Excelsior Medical Clinic is fully illustrated and deals with diseases peculiar to men. It gives factual knowledge and tells Why and How Non-Surgical methods are proving so successful. It could prove of utmost importance to your future life. Write for a FREE copy today.

DO SOMETHING TODAY

Taking a few minutes right now in filling out the coupon below may enable you to better enjoy the future years of your life and prove to be one of the most rewarding acts you ever made.



NON-SURGICAL TREATMENTS OF

Rectal-Colon

Rectal and Colon disorders are often associated with Glandular Inflammation. These disorders if not corrected will gradually grow worse and often require painful and expensive surgery.

Reducible Hernia

Our Non-Surgical Hernia treatments require no hospitalization, anesthesia or a long expensive period of convalescence. They are so certain, that every patient accepted for treatment is given a Lifetime Certificate of Assurance.

We have all of the modern facilities to treat both of these disorders either with or without Glandular Inflammation treatments.

EXCELSIOR MEDICAL CLINIC
Dept. B2675
Excelsior Springs, Missouri

Gentlemen:

Kindly send me at once, without obligation, your New, FREE Book on NON-SURGICAL Treatment of Disease. I am interested in the Disorder of (Please Check Box)

☐ Hernia ☐ Rectal-Colon ☐ Glandular Inflammation

Name.....

Address.....

City.....State.....

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Straight Talk

Tom Anderson

LENIN decreed, "Demoralize, degenerate, and if necessary devastate the United States . . . it will fall like an overripe fruit into our hands." A Russian textbook used to train their agents on how to take over the world says:

"By making readily available drugs of various kinds, by giving the teenager alcohol, by praising his wildness, by stimulating him with sex literature and advertising to him or her practices as taught at 'Sexpol', the psychopolitical operator can create the necessary attitude of chaos, idleness and worthlessness into which can then be cast the solution which will give the teenager complete freedom everywhere."

J. Edgar Hoover has reported that the purveyors of pornographic literature pile up profits of a half billion dollars a year.

A recent survey showed that in one week on TV, 3,696 acts of violence were recorded, including 1,261 agonizing deaths caused by stabbings, shootings, beatings and assorted unique methods of killing. Adultery, abnormality, sexual perversion and adulation of criminals are daily fare at most movies. "Movies are badder than ever." Very few are good enough to draw a crowd unless they're bad. The movie moguls' answer to empty theatres was Sin-A-Scope.

There is a best-seller book in which the hero makes a career out of lusting after and seducing only girls in the 9-13 age range. It's merely a "peculiarity" of this otherwise likeable character. The book is now being made into a movie!

In Detroit, a former police inspector said: "There has not been a sex murder in the history of our department in which the killer was not an avid reader of lewd magazines." Many thousands of boys and girls are led down the primrose path starting with "Hot" books and pictures, graduating to "real action" movies of every conceivable type of abnormal sex. Pyschiatrists and prison wardens know well that even a perfectly normal child can be converted into a sex pervert and criminal by the filth racketeers.

The reading of the Bible in public schools has been declared illegal, but it is not illegal to read degenerate filth or material advocating the overthrow of our nation by force. Some reading material approved by the National Council of Churches included books so obscene they could not be read aloud in the House of Representatives.

Pornography is as old as Sodom and Gomorrah, ancient Greece, Sparta and Rome. No great civilization has ever been destroyed from without which was not corrupt within.

1959 set an all-time-high crime rate for our nation. 1960 beat that by 12%. There is, of course, no one answer to our disgraceful crime rate. "Good citizens" forfeit their rights by failing to demand law enforcement. Citizens afraid of publicity or reprisal refuse to prosecute. Some take refuge behind the Fifth Amendment. Self-government cannot operate successfully in the absence of individual responsibility. If we are to survive as a free people we must generate a great stir of conscience. Among a corrupt people, liberty cannot long exist. Liberty cannot survive without responsibility. Personal responsibility. Socialism destroys personal responsibility.

When good Americans resort to law to prevent sale of obscene material, whom do we find in opposition? Invariably, hiding behind sanctimonious cries of "freedom of the press" and "academic freedom," are defenders of Alger Hiss, Fifth Amendment addicts, attackers of the House Committee on Un-American Activities; people who urged barring *Mein Kampf* from distribution. In short, the enemies are: Criminals, Socialists and Communists.

Let us reward good and punish evil. One of the best weapons is boycott. Boycott the movie houses who advertise and show sex riots. Boycott the advertisers who sponsor objectionable TV programs. Boycott the stores which peddle filth. Patronize those which don't and let them all know why. Before we can clean up our country, we have to take a bath ourselves. Clean up our own homes and home towns.

Our real problem is not the corrupt politician. It's the corrupt citizen. Corrupt politicians prosper with the knowledge, assistance and consent of corrupt citizens—at the expense of all citizens. And in reverse, honest politicians, even if elected, are helpless if the citizenry is corrupt.

How To Be Narrow-Minded

One of our favorite words is tolerance. It is supposed to be a great virtue. In many cases, "tolerance" really means "absence of conviction," "without any real morality." We are broadminded about a little stealing—like cutting a few corners on our income tax and taking "souvenirs" out of hotel rooms. We are broadminded about divorce, about sex play before and occasionally after marriage, and even about sex perversion. We are tolerant of the movie queens who travel the world with various escorts, over-priced prostitutes carrying on the oldest profession with the help of the movie magazines, newspapers and networks. We condone stealing politicians by shrugging, "He got his'n." We urge our politicians to get everything they can out of the public trough for us, before somebody else gets (steals) it.

We excuse murder, rape, knifings, extortion and habitual delinquency because "something in his childhood must have made him that way." His mother either loved him too much or not enough. If somebody ever invents a "love-meter" for mothers, it'll be a tragic blow to psychiatrists and bleeding hearts who blame everything on environment. Environment does cause crime, of course. Much of the youth crime committed today is by boys and girls from well-to-do homes —spoiled brats who had it too good. Hardship and discipline build character. It takes courage to be "narrow-minded." The Bible, of course, is narrow-minded. So is the multiplication table, the boiling and freezing points of water, the compass, radar, nature, and the Kingdom of Heaven.

The gates of Hell are broadminded.

Educated For What?

The cry is education! education! We must have more buildings, classrooms, teachers and escalators. Everybody must be educated! Hardly anybody ever asks "educated for what?" Educated for broadmindedness? The great issue of our time is not education versus ignorance. Some of the most educated people in the world are the most wicked. Empty bellies are *not*, per se, the cause of Communism nor of wars. Germany started two wars on a full belly. The Communists and fellow-travelers in America, and throughout the world, are mostly full-bellied.

Full bellies and education, as such, are not bulwarks for or against freedom or morality. The struggle for the world is not based on hunger vs. plenty, ignorance vs. education, totalitarianism vs. democracy. The war for the world is between good and evil.

FRUIT and TRUCK CROP report

Late business news about citrus, other fruits and commercial vegetables

GROWING SUCCESS of a Persian moth in fighting the walnut aphid is reported from the Riverside, Calif. Exp. Sta. It was found in southern France two years ago by entomologist Robert van den Bosch, who sent the wasp to Riverside for colonization and release. Since then the invader has not only moved rapidly inland, but in some areas has attacked and killed more than 95% of the aphids in orchards. As the aphid is a major pest and resists conventional controls, the predatory wasp is looked upon as a boon worth thousands of dollars to growers.

GROWERS SHOULD AVOID planting onions and garlic on soil which has recently been treated with nematode fumigants containing bromine, reports the Univ. of Calif. Extension Service.

Bromine toxicity in these crops reduces yield. The toxic period following fumigation lasts for a year to 18 months. Where nematodes are a problem on alternate crops, and onions or garlic are to be planted later, fumigate with telone or DD.

OF ALL FARMERS, vegetable growers are least likely to escape future labor troubles, says a West Coast report. It appears certain that in some areas the United Packing-House Workers and the Amalgamated Meat Cutters will carry on sporadic union activity in California.

OVER $4,000 PER ACRE gross returns is the story of a Bradley County, Ark. grower of a new tomato variety called 59-11. This variety—a cross between Gulf States and the Pinkskipper—consistently gave highest returns because of quality and high yields.

NO LETTUCE, PLEASE! A chemical that makes a caterpillar starve to death, apparently believing its stomach is full, while sitting on a lettuce leaf, is in the experimental stage at Univ. of Calif. Developer Harry Lange believes it may open a whole new approach to pest control.

POOR BUSINESS ETHICS in the food industry is target for Congressional investigation. Congress is expected to look into false labeling, deceptive packaging, farm-consumer price spreads and profiteering by chains. Likely result will be general consumer distrust of the entire food industry, including producers as well as processors and retailers.

IS THIS A RECORD? Home gardener B. Rule Stout of Knoxville, Tenn. writes that he picked 186 quarts of strawberries from a 27 x 27-foot patch. Figured on an acre basis, this comes to 10,850 quarts per acre. Stout uses the Pocahontas and Tennessee Beauty varieties.

WINTER COVER CROPS in citrus orchards are undesirable, says W. H. Friend, Texas Extension Service, because they increase the cold hazard to the trees. They prevent absorption of heat by the soil during the hours of sunlight and retard protective heat radiation from the soil during the hours of darkness. Moisture from a cover crop may cause a heavier than normal deposit of frost when temperatures drop below freezing.

PLUMS MAY BE NEXT on the list for mechanization. The idea is said to come from Italy. Plums are grown flat along wires like grapevines. This makes possibilities for machine topping, non-tillage operation and semi-mechanized picking, word from Tulare County trials indicate. The fruit will be harvested from a flat bed trailer with three pickers to a side. The fruit would roll down a sleeve into a bulk bin on the trailer.

A FREEZING TECHNIQUE which preserves individual fresh sections of citrus has been developed by two Rio Grande Valley men. Process flash-freezes the tree-ripened citrus sections. The fruit suffers no nutritional or vitamin loss in freezing, they say. They expect use of the technique to stimulate increased interest in the use of citrus—especially grapefruit.

By Gerald Dearing

COTTONCAST®

- *Secretary Freeman on cotton spot*
- *Strange forces at work*
- *Rayon pushes price advantage*

THE DECISION ON COTTON that Secretary of Agriculture Orville L. Freeman must make by Oct. 15 may be the most important affecting the crop in many years. He must make the determination of the size of the 1962 allotments by that time. With a generally late crop of undetermined size, because so much of it is vulnerable to an early frost, his estimates of supply and demand for the year ahead can be little more than an educated guess. There is the possibility that later developments, such as a late fall, or an early frost, can make his figures appear ridiculous in the light of developments.

A YEAR AGO EZRA TAFT BENSON, then Secretary of Agriculture, computed the acreage needed on the basis of supply and demand, then estimated that there would have to be enough acreage added to that to produce 500,000 bales. His judgment has been justified by the 2 million unplanted acres, the more than a million acres abandoned and the smaller yields than the year before.

ANNOUNCEMENT OF THE INCREASED subsidy last February—from 6 to 8.5 cents—had the effect of drying up the demand for cotton for export during the balance of the season. With the price of cotton increased 3.75 cents into the 1961 season, buyers figured that they could buy the cotton at the lower 1960-61 prices, carry it until the new prices were effective on Aug. 1 and make a better purchase under the increased subsidy. This had the effect of delaying the shipment of as much as a million bales of cotton, cutting the 1960-61 exports by that much. It also had the effect of encouraging the domestic mills to buy the cheaper cotton rather than the higher priced cotton from the new crop.

COMMODITY CREDIT CORPORATION STOCKS were bought to the point of near depletion as a result—being reduced from just under 5 million bales to 1.5 million bales or less on Aug. 1. This cotton, held by shippers or mills, has been in competition with the current crop, may, before the season is over, force much of the current crop into the loan.

MR. FREEMAN MOVES toward his decision with these facts obvious. What is not so obvious is the effect his determination will have on cotton and cotton prices. It must be remembered, at this point, that the CCC stocks are held off the market at a minimum price of 115% of the loan.

IF THE CROP IS SHORT, and this fact may not become known until after the acreage decision is reached, there is a possibility that Mr. Freeman will allow even greater plantings in 1962. This could cause a slowing down of buying of the current crop because of the prospect of more cotton available in 1962.

On the other hand, the decision may be for curtailment of production in 1962, probably with no increase in price. The high export subsidy already is causing so much trouble that an additional increase is unlikely—and an increase would be needed if the price should be increased. Curtailed production in 1962 would mean that the domestic mills and the foreign buyers would have to depend on the new crop for their supplies.

THEREFORE, IF the 1961 crop is large enough to justify an acreage cut in 1962 it will mean that it will move to market. It is a strange situation where the possibility of a small crop brings an easier market, while the possibility of a large crop stimulates demand.

BY RAISING THE DOMESTIC PRICE more than the export subsidy was increased, the new Administration raised world prices, encouraged greater foreign production, and cut off buying under the smaller subsidy which was in force until July 31. Exports delayed are exports lost. Any program which increases the domestic price without increasing the export subsidy proportionately results in curtailed exports. Any increase in domestic price makes rayon more competitive at home.

This might be the time to add that the rayon manufacturers are conducting a most intensive advertising and promotional campaign to show the domestic mills the advantage their product has over cotton in the matter of pricing.

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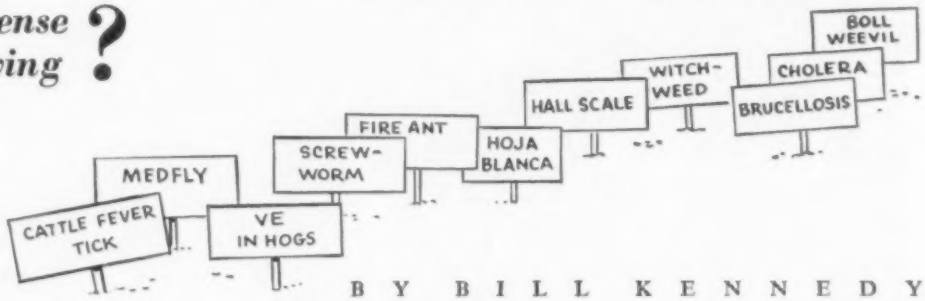
PRODUCTS

Eradication Route

TO FARM PEST CONTROL

does it make sense ? a cost or a saving



BY BILL KENNEDY

CONGRESS has passed a hog cholera eradication bill. It authorizes the Secretary of Agriculture to initiate an eradication program and to prohibit or restrict the use of virulent (live) virus on hogs moving interstate.

It will mean inspections, prevention measures and buying and destroying herds where infection shows up. It'll take an estimated 8 to 10 years to complete the job. And the project will cost up to $10 million annually.

Cost of *keeping* the disease: $60 million a year!

Our college entomology professor told us, "No insect has *ever* been eradicated. Bugs are the greatest threat to man's superiority on earth."

Nevertheless, you hear more and more these days about eradication as a means of relieving farmers and ranchers in their unceasing, costly battle against insects *and* diseases.

To men who talk freely about eradication, the term doesn't mean fighting the bug to extinction. To them it means "when a disease or pest is eliminated *from a given area* (like continental United States) so that its occurrence can result only from reintroduction."

According to that definition, the bug fighters have had varying degrees of success over the years, starting with eradication of contagious pleuropneumonia of livestock back in 1884. After that went Dourine and Glanders in horses at about the turn of the century, cattle fever ticks, Foot and Mouth disease (which has been "reintroduced" nine times —the last time in 1929) and V. E. disease in hogs, marked "gone" in 1959. TB is not eradicated, but infection is down to fifteen one-hundredths of one percent.

More recently have come campaigns against the Medfly in Florida, now said to be eradicated a second time; screwworm in the Southeast (1961 flare-up in Florida is dubbed a "reintro"); Hall Scale of stone fruits on the West Coast (none in two years); Hoja Blanca (white leaf) of rice, wiped out by killing its insect carriers and infected plants; and the Fire Ant of the South, where it is said the entomologists arrived "too late with too little" and got resistance instead of aid from people in the region.

Among eradication programs now under way is the national program to wipe out brucellosis. Estimates on the time it will take—and the goal—promise all counties "certified" by 1966 and complete eradication by 1975. At last count some 2,200 counties and 26 states were certified free or modified free. (A promising new test for detection, Heat Inactivation Test, may help the schedule.)

The brucellosis campaign is costing taxpayers $20 million a year in federal funds and $17 million a year from state governments.

On the other hand, its supporters claim the disease was costing us $100 million a year in livestock losses at the time the program started—and that cost is now down to $20 million as a result of the program.

A plant pest now under attack by eradication experts is the witchweed (see picture, opposite page). This is one that scientists are trying to stop *before* it spreads from the two states (Carolinas) where it is now found.

Eradication is more nearly possible now than ever before —because there are more tools to make it work. Dr. R. J. Anderson, Director, Animal Disease Eradication Division, ARS, describes the conditions under which eradication makes more sense than continuous control (see quote, bottom of opposite page); then goes on to emphasize that cooperation in the field is a *must*. Regardless of the economic importance of the disease or insect, he says it is useless to start eradication unless the industry is willing to endure the restrictions necessary to get the job done.

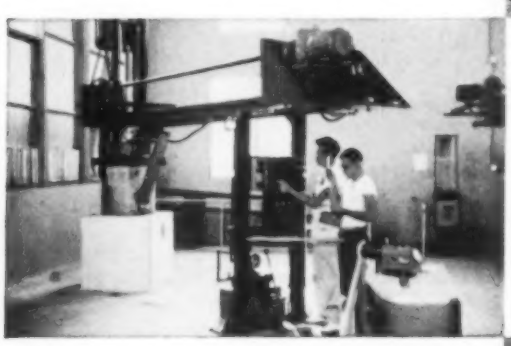
Speaking of eradication methods, Dr. Anderson expresses great hope that the use of sterile males can be used effectively against other insects—as it was and is being used against the screwworm. He tells about tests now under way on a Pacific island to determine whether the system will work to kill off the Oriental fruit fly (see pictures, opposite page).

Can they wipe out screwworm in the Southwest as they have done in the Southeast? Anderson says field trials must first be carried out to determine (1) if artificial barriers (against Mexico) can be set up, and (2) what it would cost to maintain such barriers.

When are we going to kill off the boll weevil? He thinks the time is way out yonder. Here we face the same problem as with screwworms on the Mexican border, plus some others (like over-wintering habits). Why not the border problem with brucelossis and cholera? Because you can have rigid inspection of animals crossing the border—besides, Canada beat us to the outlawing of live virus for cholera control.

Do poison manufacturers resist the eradication approach on grounds it may destroy the market for control products? On the contrary, says Anderson, they give the fullest cooperation; they agree with the college "prof" that we'll never kill *all* the insects and, for most companies, farm pests represent a small percentage of their total market.

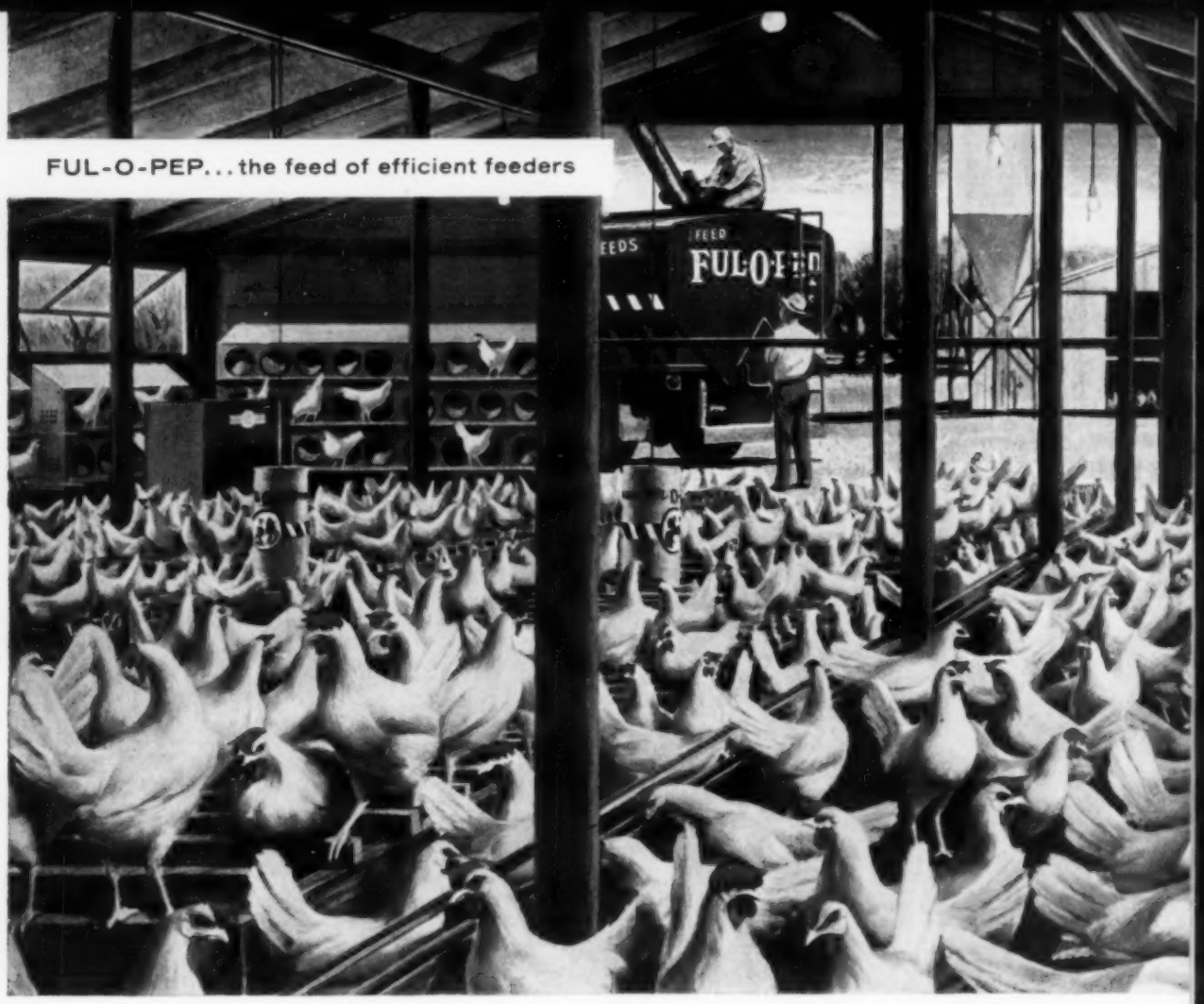
THE PARASITIC WITCHWEED IS A PRETTY SIGHT IN THE FIELD, BUT LIKE some beautiful women, can be destructive, even deadly. Attaching itself to the roots of corn, cane, sorghum and other plants, it sucks the life right out of them. It's limited at present to the Atlantic Coast, specifically the Carolinas; but if quarantine and treatment are successful it may be eradicated. Chief weapons are 2,4-D and cultural practices to destroy hosts. Agronomists estimate that if this plant pest ever spread to all corn-producing areas its annual cost would be hundreds of millions of dollars. And the cost and other problems involved in eradication would make it almost prohibitive.



THE RELEASE OF STERILE MALE FLIES TO ERADICATE insects has been highly successful in certain instances, as with screwworms in the Southeast. At left, insect pupae are getting irradiation treatments in a laboratory to make them sterile. The lab-produced insects are treated with Cobalt 60; then packaged in small crates for release at about the time pupae are changing to adults (see below).

STERILE MALES OF THE ORIENTAL FRUIT FLY ARE RELEASED BY PLANE over a small Pacific island to determine the effectiveness of that method in eradicating this costly pest. Crates of the flies (being loaded on plane at right) are used to "bomb" forests of the infested island. The lab-produced pupae are dropped just as they "hatch out" to become adult males. Entomologists are running into problems with strong winds that carry the males away from the islands, but if they accomplish eradication there, it will be tried on the West Coast.

"When you have sufficient knowledge of a disease or pest, plus the tools necessary to eradicate it; and it is of sufficient economic importance . . . then it makes more sense to eradicate it than to live with a permanent control program. And it is cheaper!"—Dr. R. J. Anderson.



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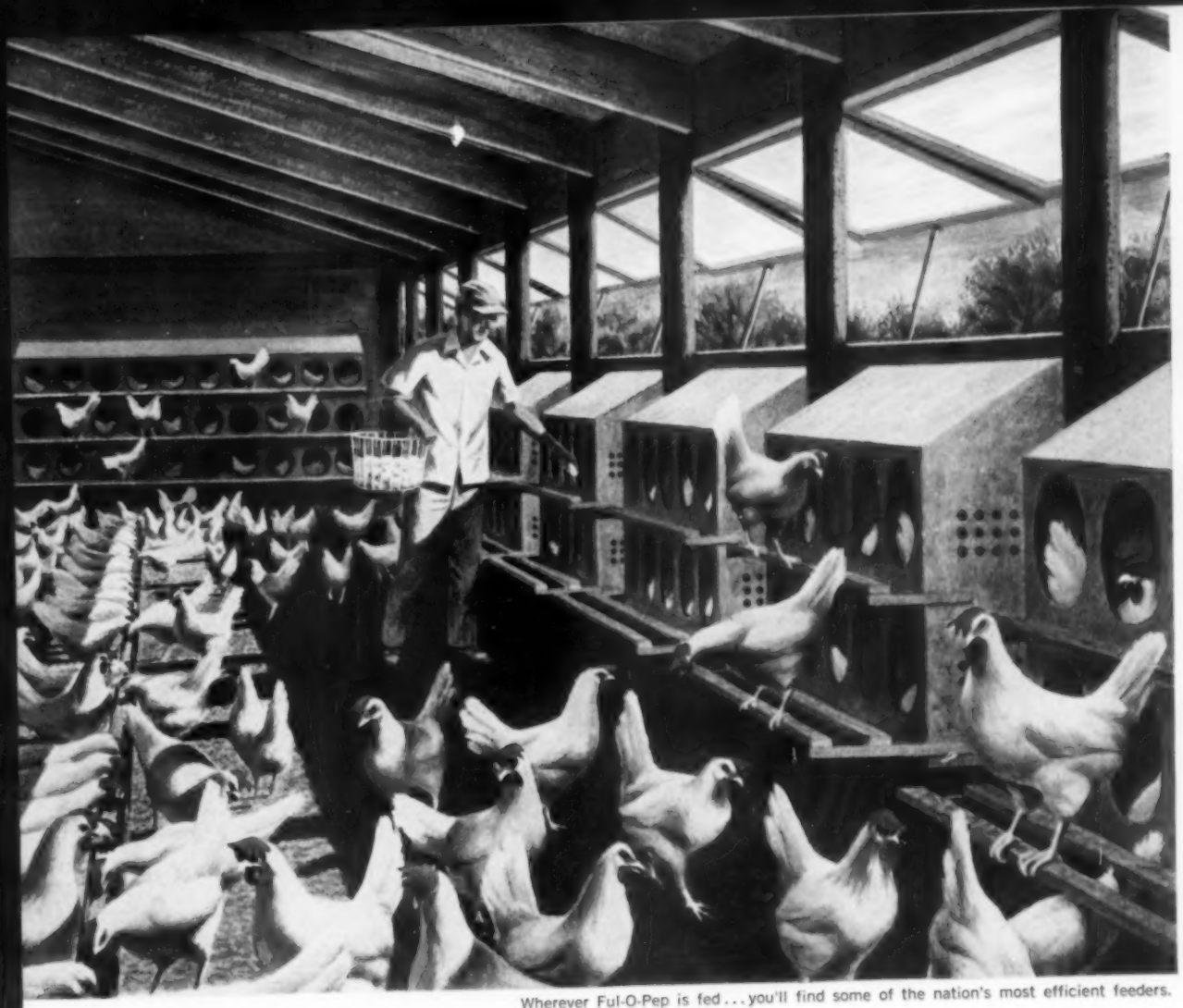

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Good food's the main part of the good time when the occasion's a neighborhood get-to-gether, a P. T. A. supper, a club potluck or a church social. Each of the guests contributes a special dish of his own creating—as well as a really hearty appetite. Now's the moment for you to show off your cooking skill—no better chance than when everybody comes, everybody helps and everybody has a wonderful time.

PHOTO FROM THE GENERAL FOODS KITCHENS COOKBOOK

EveryBody come Everybody Help!

BY DOTI SEVERANCE

HOSPITALITY—the informal kind—usually is the most fun with the least work. It's the reason why good eating often is the result of the efforts of many.

Planning for group-style eating or cooking for the big crowd, entails a different procedure from the "just for my family of three" routine. Your favorite recipe book bulges with suggestions. Three very appetite-appealing choices we feature this month. In addition, we offer several ideas for making "big" meals easier to accomplish.

A word of warning: If you've been asked to bring a large quantity of a particular food, combine the recipe ingredients in several comfortable batches. Home kitchens seldom are equipped to cook for crowds of twenty, thirty or more. If you must drive, food in hand, for any distance to the affair—make your masterpiece of the good traveler variety.

Collect with care a few special recipes, perfect them thoroughly, serve them proudly and bask in the compliments!

Pork Roast with Dressing

Select a loin of pork. Have a butcher cut loin in half and separate backbone. Cut between each chop without cutting all the way through. Season with salt and pepper and place on a rack in roasting pan—fat side up.

Prepare stuffing to taste. Fill cuts between the chops with the stuffing. Cover the meat with aluminum foil. Roast in a moderate oven, 350°, for 30 to 35 minutes per pound of the heavier half of the loin, or until a meat thermometer reaches 185°. (Pork always should be well-done, without pink color.) Remove foil for the last 30 minutes of baking to brown the roast. Place roast on carving board and garnish with crisp celery leaves and spiced crab apples, as desired.

Quantity Guide

Rolls and Biscuits—allow 2 of either per serving.

Butter—3 pounds will serve 100 people if each pound is cut into 64 individual pieces.

Pies—1 (10") pie will serve 8.
1 (9") pie will serve 7.
1 (8") pie will serve 6.

Cakes—4 (14") layer cakes will serve 100.
6 (8") layer cakes will serve 100.
1 (18" x 25") sheet cake will cut 48 cake squares.

Whip Cream—2 quarts heavy cream, whipped, will top 100 desserts.

Ice Cream—4 to 5 gallons will serve 100. 10 quarts will give 100 small servings to be used to top pie.

Lettuce—8 medium heads will serve 100 where leaf is used for salad.

Sandwich Filling—1 gallon of any filling will spread 100 sandwiches; use 2½ tablespoons per sandwich.

Golden Glow Salad

4 packages lemon-flavored gelatin
2 teaspoons salt
6 cups hot water
2⅔ cups drained, canned, crushed pineapple
1⅓ cups pineapple juice
4 tablespoons lemon juice
4 cups coarsely grated raw carrots
1⅓ cup chopped pecans

Dissolve gelatin and salt in hot water. Add pineapple and juice, and lemon juice. Chill until slightly thickened. Fold in carrots and nuts. Pour into a 4-quart mold. Chill until firm. Unmold on crisp lettuce and garnish as desired. Makes 24 servings.

Beverage Guide

COFFEE—Place 1 pound coffee in large cloth bag. Tie the top, leaving equal space for expansion. Place in 2½ gallons cold water. Cover and bring to boil. When liquid has boiled 10 minutes, reduce heat and allow to steep for 5 minutes. Remove bag. For 50 servings this amount allows ⅔ cup each.

TEA—Place 2 cups tea leaves in a large sieve lined with cheesecloth. Pour 3 quarts boiling water through tea. Allow to steep for about 3 minutes. Remove sieve and keep tea hot by placing it over boiling water. For serving, use 1 part tea to 2 parts water. For 50 servings this amount allows ⅔ cup each.

Frosted Apple Chip Cake

Prepare a package of apple chip cake mix or make your favorite two-layer spice recipe. Bake in two 9-inch layer pans. Cool as directed and remove from pan. Spread with Sea Foam Frosting. Makes 10 to 12 servings.

Sea Foam Frosting

2 egg whites unbeaten
1½ cups firmly packed brown sugar
Dash of salt
⅓ cup water
1 teaspoon vanilla

Combine egg whites, sugar, salt and water in top of double boiler. Beat with sturdy egg beater or electric mixer 1 minute, until thoroughly mixed. Place over boiling water and beat constantly with egg beater 7 minutes, or until frosting will stand in stiff peaks. (Stir frosting up from bottom and sides of pan occasionally with rubber scraper, spatula or spoon.) Remove from boiling water.

Add vanilla and beat 1 minute or until thick enough to spread. Makes enough to cover tops and sides of two 9-inch layers (generously), or top and sides of 13 x 9-inch oblong cake, or about 2 dozen cupcakes.

For a smoother frosting, wipe down the sides of pan with a fork wrapped in a damp cloth, before and during cooking and beating, to prevent crystalization.

No matter how good the cake or frosting is, decorate it with a special theme in mind, with seasonal blossoms at the base or with nuts and candy slivers. Stand back for a crowd is sure to gather not only to look at that cake but to eat it!

If everybody had a good time, chances are it didn't just happen. The menu planned, the date decided, the costs itemized, the location chosen, the work assigned—all determine if everybody came and if everybody helped.

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recipes sent in by our readers

COLLECTORS' ITEMS

BY
CAROLYN
ANDERSON

This month we are giving you a few of the recipes that have been sent in by some of our readers. We hope that you will like them as well as we did:

Philadelphia Potatoes

(This recipe was sent in by Margaret Jones of Jackson, Miss.)

- 3 cups raw potatoes—cubed
- 1 small onion—minced
- 3 pimientos—chopped
- 1 teaspoon Worcestershire sauce
- ¼ teaspoon prepared mustard
- ¾ cup yellow cheese—grated
- 4 slices bread—broken in small pieces
- ½ stick butter

Cook potatoes 5 minutes. Add onion and pimiento; cook 5 minutes more. Remove from heat and drain. Combine Worcestershire sauce and mustard with white sauce made from 4 tablespoons butter, 4 tablespoons flour and 2 cups milk. Add cheese. Melt butter and mix with bread pieces. Place potatoes in a greased casserole dish. Cover with buttered bread. Bake in a slow oven, 275°, for an hour and a half.

Aunt Anna's Coffee Cake

(This recipe was sent in by Betty Freeman of Dallas, Tex.)

- 1 package dry yeast
- 1 tablespoon sugar
- ⅓ cup lukewarm water

Second Mixture

- ½ cup sugar
- ½ cup shortening
- 3 eggs
- 1 teaspoon salt
- 1 cup lukewarm water
- 4 cups sifted flour

Third Mixture

- 1 egg white—beaten
- ½ cup sugar
- 1 teaspoon cinnamon
- 1 cup pecans

Butter

Mix the yeast, tablespoon of sugar and ⅓ cup of water, let stand for 5 minutes. Cream the ½ cup sugar with the shortening. Add beaten eggs, salt, water and flour; mix well. Combine this mixture with the yeast mixture and blend. Allow to rise at room temperature until double in bulk. Work down with a knife.

Use either 3 pie pans or 2 layer cake pans. Butter the pans and place the dough in them. Allow to rise again to double in bulk.

Brush top of dough with beaten egg white. Combine sugar and cinnamon; sprinkle over top. Finally, sprinkle top with pecans and dot with butter. Bake in a moderately slow oven, 325°, for 20 minutes.

Chicken Corn Muffins

(Mrs. Florence Watts of Sanford, N. C. sent us this.)

- 1 cup corn meal
- ½ cup all purpose flour
- 2 teaspoons baking powder
- ½ teaspoon salt
- 1 tablespoon sugar
- 2 tablespoons salad oil or melted shortening
- 2 eggs—beaten
- 1 (10¾ oz.) can cream of chicken soup—undiluted

Pre-heat oven to 425°. Sift together first five ingredients; mix well. Combine salad oil, beaten eggs and chicken soup. Combine this mixture with the dry ingredients. Fill greased muffin tins ⅔ full. Bake in a hot oven, 425°, for 25 minutes or until done. Yield: 9 muffins.

Ground Beef-Vegetable Fricassee

- ¼ cup onion—chopped
- 1 cup celery—chopped
- 1 pound ground beef, lean
- 2 tablespoons flour
- 1 cup hot water
- ¾ teaspoon salt
- ⅛ teaspoon black pepper
- ½ teaspoon onion salt
- ½ teaspoon garlic salt

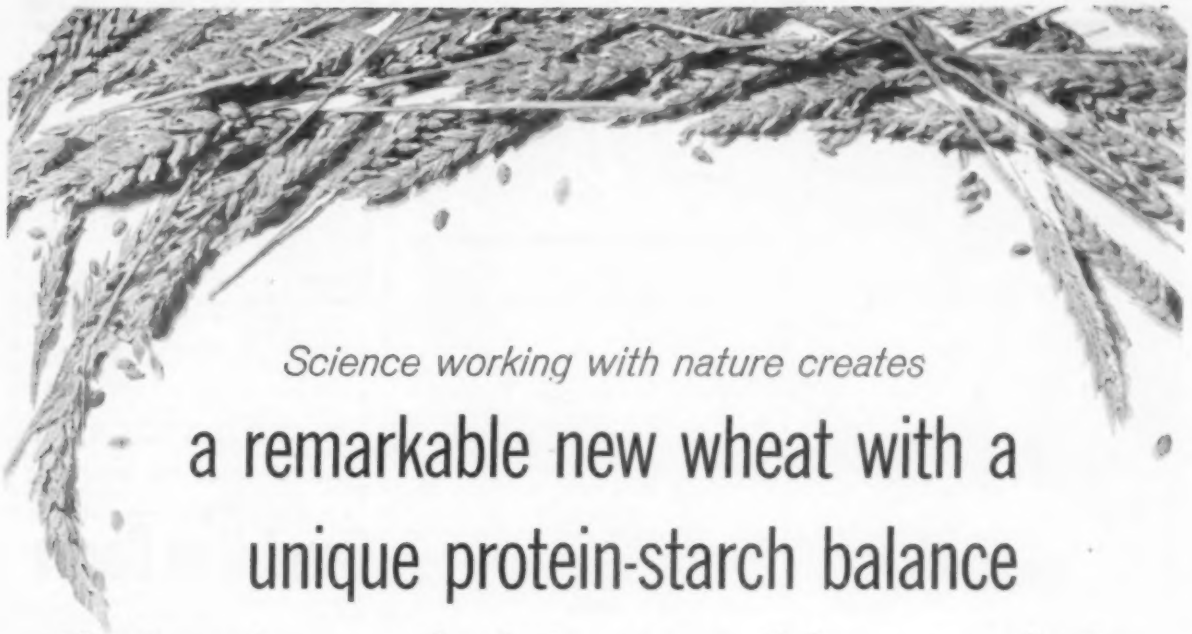
Melt 1 tablespoon fat in skillet and saute onion and celery until slightly softened. Add beef and cook until mixture turns gray. Blend in flour. Add hot water and stir until thickened. Add seasonings; cover and cook over low heat for about 30 minutes. Season again to taste. Serve in a nest of hot creamed potatoes. Yield: 4 servings. (This recipe also was sent to us by Mrs. Watts.)

Pineapple-Coconut Pie

(This recipe was sent by Elizabeth Jennings of Abilene, Tex.)

- 3 eggs
- 1 cup sugar
- ¼ cup crushed pineapple, drained
- ½ cup white corn syrup
- ¼ cup shredded coconut
- Juice of half lemon
- ¼ cup melted butter

Beat eggs very slightly. Add all other ingredients and blend. Fold into a 9-inch unbaked pie shell. Bake in a slow oven, 300°, for 45 to 60 minutes, or until set.



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a remarkable new wheat with a unique protein-starch balance that puts magic into everything you bake

Now, one flour serves your every baking need...new "Balanced Blend" GLADIOLA...the first, the only flour that performs equally well in baking either yeast bread or pastries.

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plumper wheat with the starch characteristics of soft wheat *magically balanced* with the high protein of hard wheat . . . and it is from this remarkable new wheat that the GLADIOLA folks have produced the first flour ever to perform equally well in *everything* you bake, whether it be bread and rolls, or biscuits, cakes and the flakiest of pastries . . . this is "Balanced Blend" GLADIOLA, the first *true* all purpose flour.

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the very IDEA

By Dona Lee Clayton

The new vacuum cleaners are wonderful, but not everyone is satisfied with the paper dust bags which come with them. A familiar complaint came from one of my neighbors.

"Living on a farm like this," she said, "you don't jump into the car and drive 20 miles to town when you find that you've run out of dust bags. Why don't they make one that you can empty and re-use?"

Another complaint came from a relative. "I like my new vacuum cleaner," she explained, "but the suction is so strong that the paper bags won't hold up. The cleaner works so well I hesitate to send it back, but what can I do about the dust bags?"

Shortly after that I brought a new vacuum cleaner and when it came time to replace the paper bags in it, I found to my dismay that our small town doesn't have a store that carries them. The first few times I ordered bag replacements through the mail—which took over a week of having an idle vacuum cleaner and a dirty house. It was then I decided that I would make a bag which would be re-usable in my vacuum cleaner.

For a small amount of money and a few minutes of work, perhaps you, too, will make a dust bag which will serve the purpose well for a long time.

Here's what you need:

1. A cloth bag from a tank type vacuum cleaner, plus the filter pad. These can be secured from the vacuum cleaner dealer in your town.
2. A little piece of cotton cloth.
3. The small rubber square from one of your disposable bags. (This is the only part which must fit.)

The idea is to close the large end of the bag and open the smaller one. Here is how this is done: Remove the wire screen from the filter pad. It

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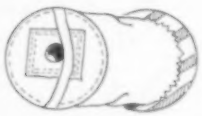
help your vacuum cleaner to save money with this help-yourself tip

will be too flimsy to last very long, so reinforce it with the cotton cloth.

Simply sew it on and trim to fit. Place the filter pad over the metal rim and clamp it on with the rubber ring.

That's all for that end. On the other end pin the rubber square in the center of the bag and mark the hole. Leave the strip of bias tape on. It's handy for carrying and cleaning and it's easily moved out of the way. Cut the hole in the bag about ¼ inch larger than the rubber hole—then sew it on.



You'll have to take the foot feed off your sewing machine to get the metal ring under it, but the feed can be attached again easily. You'll also have to remove the filter pad while you're sewing.

That's all! To empty the bag, remove from vacuum cleaner, slip the rubber ring off and shake both bag and filter pad thoroughly. Replace and you're ready to go again. Never, from now on, when you have a cleaning job to do in a hurry, will you find yourself with an uncooperative vacuum cleaner that shirks its job!

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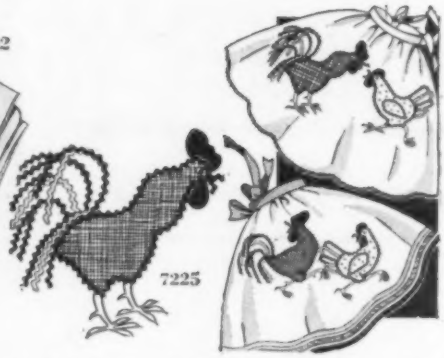
7302



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BY JACK ODOM

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The working blueprints and specifications for House Plan No. 13 are available for $3. (Change in price—due to higher production costs—affects all of the new plans beginning with this issue.) Order from Building Editor, Farm and Ranch, 318 Murfreesboro Road, Nashville, Tenn. State house plan number and your name and address. The new House Plan Guide featuring our most popular plans now available—$1.

HOUSE PLAN NO. 13 **SERIES 2**

Heated area: 1053 sq. ft.
Porches: 19 sq. ft.
Garage: 372 sq. ft.

Length: 54 ft., 4 in.
Width: 27 ft., 4 in.

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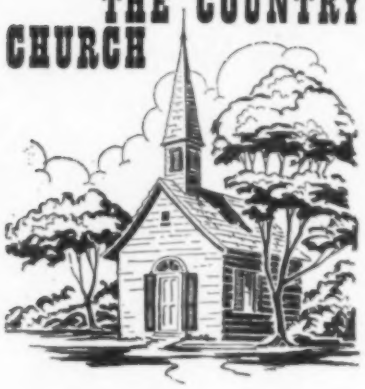

Facing New Perils

I listened to President Kennedy's statement about our reaction to the Berlin situation. His words were very clear.

Defending a nation is always an expensive business. We knew that! Our lives have been filled with wars, their preparations, and their consequences. We also knew that defense is never limited to dollars, bombs and bullets. Defense is a more personal matter, a matter of men, and men are a matter of homes, jobs, arms and legs, families and communities.

Fear came into the room as the President spoke. So did courage, and so did that peculiar thrill that enters when we devote ourselves to purposes beyond personal advantage. Other things entered of more significance.

Our love of liberty
Our hatred of tyrants
Our love of country
Our faith in God

Anything is better than letting what remains of world-freedom slip behind the Iron or Bamboo Curtains. The twilight zone of life is there, and is not for us who have known freedom's noonday light. As Patrick Henry said, so say we all, "Give me liberty or give me death." For life without the liberty we have known is death. And there are things in life worse than death, and being a victim to world Communism is one of them.

War we must not seek. The prevention of war we must seek. But there is always that time in the affairs of men when integrity compels us to take a stand, even though that stand means war. War is not the worst thing that can happen to us. Our failure in meeting our responsibilities and the consequent loss of what remains of freedom in the world, is much worse. This we must believe. I thought of Psalm 112:7, "He shall not be afraid of evil tidings: his heart is fixed, trusting in the Lord." May it be so with us as we face the world that sees only one color—Red!

—*Walter R. Courtenay, D.D.*

No...The Bible Is NOT Our Sole Guide!

Catholics have a genuine love and respect for the Bible. It could not be otherwise, for the Catholic Church is the Mother of the Bible.

But we do not agree with the modern theory that the Bible is the one and only source of religious truth.

The Gospel of St. John, for example, says: "...there are many other things which Jesus did which are not written in this book." And St. Paul said: "Stand fast; and hold the traditions which you have learned, whether by word, or by our epistle" (2 Thessalonians 2:15).

Christianity began with the coming of Christ—not with the writing of the Bible. And Christ had established His Church ...which St. Paul called "the pillar and mainstay of the truth"...long before any of the books of the New Testament had been written. The Savior did not command us to read anything, but He did command us to hear His Church.

This does not mean, of course, that the Bible is not extremely valuable. It does mean, though, that the Bible is not... and was not intended to be...the sole source of Christian teaching and belief. The Church had existed 1600 years, in fact, before the theory was advanced that the Bible should be the *sole* guide to Christian believers.

Early century Christians never saw the complete Bible. It was 400 years after Christ died before the books of the Bible were assembled into their present form. And it was 1400 years before printing was invented and the mass distribution of the Scriptures became possible. If Christ had intended the Bible to be the sole guide to His teaching, would He have allowed this delay—permitting millions of people to die in ignorance of the printed Word?

The answer is, of course, that Christ established His Church to carry on His mission and spread His teaching. And while the Bible is the inspired Word of God, there are certain truths taught and exemplified by Christ which it does not record...which will be found in the life, practice and teaching of Christ's Church—traditions dating back to the days of the Apostles and ante-dating the printing of the Bible.

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Send 35 cents for each pattern to FARM AND RANCH, Pattern Dept., 319 W. Van Buren St., Chicago 7, Ill. Send additional 35 cents for new pattern book.

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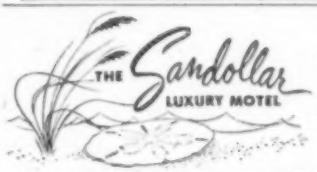

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New sealer cuts water seepage

IF water saved by stopping losses through seepage could mean two crops instead of one, there would be less concern about sub-normal water supplies. But can seepage, which claims a third to a half of water delivered at the mouth of major irrigation projects, be reduced 90% or more?

There's evidence it can be done by a high-performance, petroleum-based emulsion developed by California Research Corporation, an affiliate of California Oil Co.

This emulsion seals the bottoms and sides of irrigation canals and ditches against water losses through seepage. Tests in California and Oregon look promising. Unlike most other sealants, which can be applied only when canals and ditches are dry and out of use, this new compound uses the water as a carrier. Seals itself. It enters the soil where leakage occurs, and in a short time forms an impervious membrane at a depth predetermined by the farmer.

While the U. S. Bureau of Reclamation does not endorse any proprietary product, it is showing much interest in this new sealant as a means of overcoming a seepage problem which afflicts many parts of the 26,000-mile irrigation system under its supervision in the West.

With hormone—control of blooming time?

ORCHARD men who often wish they had some way of postponing blooming to prevent late frost damage may get a boost from New Mexico research.

And the peach tree itself may provide the key to delaying blooming and keeping the trees in the rest stage. Marion B. Jones, assistant professor in the horticulture department at New Mexico University, has isolated a hormone that he thinks will do the job.

It's a jawbreaker called Mandelonitrite. It was discovered in 1961 in dormant flower buds. Jones is convinced that the material—which can be produced commercially — can be used to delay blooming in peaches and apricots to prevent frost damage.

He is currently developing rates of application and the times to apply it for effective control of blooming. Although Jones is hopeful that his work will prove out, there are other growth regulators produced by the peach tree which may prove more effective in delaying blooming, he says.

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For the first time science has found a new healing substance with the astonishing ability to shrink hemorrhoids and to relieve pain — without surgery.

In case after case, while gently relieving pain, actual reduction (shrinkage) took place.

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The secret is a new healing substance (Bio-Dyne®)—discovery of a world-famous research institute.

This substance is now available in *suppository* or *ointment form* under the name *Preparation H®*. Ask for it at all drug counters.

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Trouble with loose plates that slip, rock or cause sore gums? Try Brimms Plasti-Liner. One application makes plates fit *snugly without powder, paste or cushions.* Brimms Plasti-Liner adheres permanently to your plate; ends the bother of temporary applications. With plates held firmly by Plasti-Liner, **YOU CAN EAT ANYTHING!** Simply lay soft strip of Plasti-Liner on troublesome upper or lower. Bite and it molds perfectly. *Easy to use,* tasteless, odorless, harmless to you and your plates. Removable as directed. Money-back guarantee. At your drug counter, $1.50 reliner for one plate; $2.50, two plates. Plasti-Liner, Inc., Dept. FR-1 1075 Main St., Buffalo 9, N.Y.

BRIMMS PLASTI-LINER
THE PERMANENT DENTURE RELINER

New wool marketing system possible

A new marketing system for all wools may evolve from a 10-year study in the wool laboratory of the New Mexico Agricultural Experiment Station by Dr. Wm. D. McFadden. This study has shown the superiority of the state's wools in comparison to the ordinary run-of-the-mill fleeces. Length of New Mexico wools improves their value 6½%; the white color adds another 3.7% more than average type; and the strength gives an additional 16.2% value over wools weaker than the New Mexico product. This adds up to making New Mexico wools very valuable to the manufacturer. In fact, the McFadden studies show it is possible to process the state's long, strong, fine white wools at costs competitive with the best wools imported from Australia.

Nitrogen raises hay value

THREE Okmulgee County, Okla. farmers who dislike haying chores cut their work by half or better by putting down high nitrogen fertilizers in the spring. G. Y. McKinney at Henryetta, Ernest Weatherford at Morris and Russell Miller at Beggs put down 100 pounds actual nitrogen on common Bermuda.

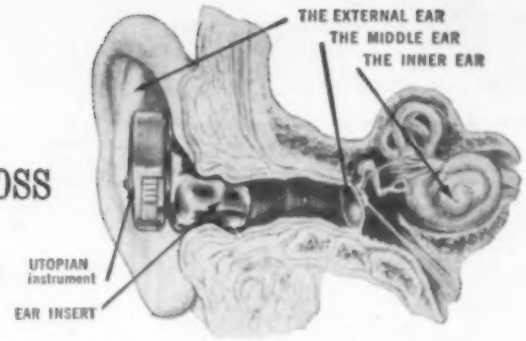
Protein content of the fertilized Bermuda jumped to 13.5%, laboratory analysis, compared to only 5-6% of hay from unfertilized plots, County Agent Dale Ernest reports. Hay tonnage was more than double that of unfertilized plots.

"One acre of the fertilized Bermuda produced the equivalent of 2½ acres of unfertilized Bermuda," he said. "Stockmen feel the feed value of one bale of the enriched Bermuda has a feed value equivalent to three bales of good quality prairie hay."

Just for the nerves

TRANQUILIZERS have their place in quieting nervous or excitable dairy cattle. But they have little appreciable effect on milk production and feed consumption, according to observations at Oklahoma State University. There were no practical differences in milk production or body weight changes in three groups of cows fed different levels of chlorpromazine over a 24-week period. However, usual benefits of greater handling ease and less excitability were noted among tranquilized cows. No residues or component break-down of chlorpromazine were observed in milk.

Does HEARING LOSS rob you of Togetherness with Family and Friends?



Discover how you may now hear clearly whenever you want to, with this amazing new electronic capsule. Look at the diagram above. See how naturally the capsule fits in the ear. It slips in and out of the ear as easily as snapping your fingers! NO cords, NO wires, NO plastic tubes. Tiny as a thimble, weighs ⅓ of an ounce. Yet amplifies sound 22 times. Provides higher fidelity hearing at natural ear-level.

It may end your fears that you'll miss out on what folks say. Discover how it may help you stay actively happy in family, social, church and community life. Write today for descriptive FREE book, sent in plain wrapper. Address: Dept. 4-276, Beltone Hearing Aid Co., 2900 W. 36th St., Chicago 32.

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HUSKY HUB!

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SEND NO MONEY for this big box containing full size packages of famous BLAIR Quality Products ($4.69 retail value) plus big Catalog, Premium Offers, etc.

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(Bold Type and Illustrations)

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Editions	Per Word	Display Classified Per Inch	Guaranteed Circulation
Both Editions	$0.90	$118.00	1,140,000
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TIRES! TIRES! TIRES!

MORE MILES PER TIRE DOLLAR

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6 months written guarantee

600 x 16	670 x 15	710 x 15
650 x 16	760 x 15	800 x 15
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We pay freight on 4 or more.

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600 x 16	$ 5.95	750 x 20-8	$12.50
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CHAIN SAW SPECIAL 1962 Models priced complete, fully guaranteed, shipped postpaid. 4 H.P. 16"—$79.95, 5 H.P. 16"—$99.95, 5 H.P. 20"—$109.95, 6 H.P. 16"—$119.95, 6 H.P. 20"—$129.95, 8 H.P. 20"—$139.95, 8 H.P. 24"—$149.95. Sept. special free $15.95 chain filer with 6 and 8 H.P. saws. Also, blade type saws on sale. New Chain at 25% Disc. STAINBROOK WHOLESALE, La Cygne, Kansas.

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Dept. FCD-71, Milwaukee 46, Wis.

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	EACH	5 plants for
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HIBISCUS; giant blooms	.09	.40
FORSYTHIA; yellow	.19	.99
DEUTZIA; snow white	.19	.89
ALTHEA DOUBLE; white	.19	.89
MOCK ORANGE; white	.19	.89
PINK SPIREA; pink	.09	.40
ALTHEA DOUBLE; red or pink	.19	.89
PUSSY WILLOW; bears catkins	.49	$2.29
RED BUSH HONEYSUCKLE; red	.49	$2.29
BRIDAL WREATH; white snowballs	.25	$1.19
GOLDEN BELL; yellow flowers	.14	.65
ALTHEA ROSE OF SHARON; mixed	.09	.40
PINK WEIGELA; pure pink	.19	.89
CHAPE MYRTLE; colors, red or pink	.59	$2.89
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PAMPAS GRASS; white plumes	.39	$1.29
PINK BUSH HONEYSUCKLE; pink	.25	$1.19
FLOWERING ALMOND; pink flowers	.49	$2.29
PINK AZALEA; collected, 1 to 2 ft.	.39	$1.89
RED AZALEA; collected, 1 to 2 ft.	.39	$1.89
RED SNOWBERRY; red berries	.13	.59
FLOWERING CRABS; red or pink	.98	$4.49

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MAGNOLIA; 1 to 1½ ft.	.59	$1.69
BABY DOLL GARDENIA; ½ to 1 ft.	.49	$1.39
JAP. LIGUSTRUM; ½-1 ft.	.15	.49
JAP. LIGUSTRUM; 1½ to 2 ft.	.59	$1.59
WAX LEAF LIGUSTRUM; 1 yr., 6 in.	.19	.55
WAX LEAF LIGUSTRUM; 1 to 1½ ft.	.49	$1.39
ABELIA; glossy leaves, 1 to 1½ ft.	.29	.79
RHODODENDRON; collected, ½-1 ft.	.69	$1.95
COLORADO BLUE SPRUCE; 1 ft.	.69	$1.95
NANDINAS; fiery red ones, 1 to 1½ ft.	.49	$1.39
MOUNTAIN LAUREL; collected, 1 ft.	.29	.79
RED BERRY PYRACANTHA; ½-1 ft.	.89	$2.49
GARDENIA; white blooms, 1 to 1½ ft.	.59	$1.69
BAKER ARBORVITAE; 1 to 1½ ft.	.89	$2.49
PFITZER JUNIPER; low spreading, 1 to 1½ ft.	.79	$2.29
BOXWOOD; tiny leaves, 1 yr., ½-1 ft.	.49	$1.39
CAMELLIA SASANQUA; 1 ft.	.59	$1.69
HOLLY; ½ to 1 ft.	.69	$1.95

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	EACH	5 for
DAYLILY; orange-red	.19	
RED CARNATION; red	.23	$1.19
ORIENTAL POPPY; scarlet	.23	$1.19
CANNAS; colors, red, pink, yellow	.19	.90
PEONIES; red, pink, white	.79	$3.69
IRIS; red, pink, purple, yellow	.15	.69
HOLLYHOCK; mixed color, roots	.23	$1.10
SHASTA DAISY, root divisions	.19	.89
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50 SOUTH PRIVET EVERGR. HEDGE	for .98
100 SOUTH PRIVET EVERGR. HEDGE	for $1.49
25 MULTIFLORA FENCE ROSES	for $1.98
25 FLOWERING MIMOSA FOR HEDGE	for $1.69

FAST GROWING SHADE TREES	EACH	3 for
CHINESE ELM; 2½ to 4 ft. tall	.29	.79
CHINESE ELM; 5½ to 7 ft. tall	.79	$2.19
LOMBARDY POPLAR; 1 to 1½ ft. tall	.09	.25
LOMBARDY POPLAR; 3½ to 5 ft. tall	.29	.79
LOMBARDY POPLAR; 5½ to 7 ft. tall	.79	$2.19
SILVER MAPLE; 3 to 4 ft. tall	.19	.53
SILVER MAPLE; 5½ to 7 ft. tall	.79	$2.19
TREE OF HEAVEN; 2½ to 5 ft. tall	.49	$1.35
SYCAMORE; 5½ to 7 ft. tall	.79	$2.19
WEEPING WILLOW; 4½ to 6 ft. tall	.49	$1.39

FLOWERING TREES	EACH	3 for
PINK FLOW. MIMOSA; 1 ft.	.09	.25
PINK FLOW. MIMOSA; 3½ to 5 ft.	.29	.79
PINK FLOW. MIMOSA; 5½ to 7 ft.	.79	$2.19
WHITE FLOW. DOGWOOD; 2½-4 ft.	.29	.79
GOLDEN RAIN TREE; 1½ to 2½ ft.	.59	$1.69
RED FLOW. PEACH; 2½ to 4 ft.	.39	$1.19
PINK FLOW. PEACH; 2½ to 4 ft.	.79	$2.19
RED BUD; 5½ to 7 ft. tall	.79	$2.19
TULIP TREE; 3½ to 5 ft. tall	.79	$2.19

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APPLE TREES: Varieties: Red Delicious, Red Stayman, Early Harvest, Yellow Delicious. Prices: 1 to 2 ft.—.49¢ ea.; 2 to 3 ft.—.59¢ ea.; 3½ to 5 ft.—.98¢ ea.
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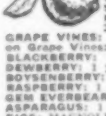

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HARDY PECAN: 1 to 2 ft.—.89¢ ea.; 2 to 3 ft.—$1.29 ea.; 3½ to 5 ft.—$1.98 ea.
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Pink Spirea 1 to 2 ft.	.10 ea.
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Catalpa Fish Bait Tree 2 to 3 ft.	.25 ea.
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Lombardy Poplar 3 to 5 ft.	.19 ea.
Sycamore 2 to 3 ft.	.19 ea.
Pin Oak 2 to 3 ft.	.69 ea.
FRUIT TREES	
Elberta Peach 2 to 3 ft.	.39 ea.
J. H. Hale Peach 2 to 3 ft.	.39 ea.
Stayman Winesap Apple 2½ to 4 ft.	.49 ea.
Red Delicious Apple 2½ to 4 ft.	.49 ea.
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Wisteria Purple	.39 ea.
Bitter Sweet	.19 ea.
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Black Walnut 1 to 2 ft.	.49 ea.
Butter Nut 1 to 2 ft.	.49 ea.
Chinese Chestnut 1 to 2 ft.	.69 ea.
Hardy Pecans 1 to 2 ft.	.69 ea.
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50 Multiflora Rose 1 to 2 ft.	2.95
100 South Privet 1 to 2 ft.	.98
EVERGREENS	
Glossy Abelia ½ to 1 ft.	.15 ea.
American Holly, Native Collected ½ to 1 ft.	.19 ea.
Short Leaf Pine Native Collected 1 to 2 ft.	.19 ea.

Satisfaction guaranteed on arrival or we will either replace or refund your money. You may order as many or as few plants as you wish. Send .40 cents extra with order for postage and packing.

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CERTIFIED STRAWBERRY PLANTS—Blakemore, Premier, New Robinson, Klondyke, Missionary, $6.00; Florida 90, $7.00; Tennessee Beauty, Dixieland, Headliner, Albritton, SurCrop, Sparkle, $8.00; Pocahontas, $10.00; Gem and Superfection Everbearing, $10.00. All prices per 1000, express collect. 100, any variety, $2.50 postpaid. Orders filled promptly. Phone 344-6641. ORR'S PLANT FARM, Harrison, Tennessee.

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CERTIFIED STRAWBERRY PLANTS—Florida 90—Missionary; Blakemore, Pocahontas; Albritton; Dixieland 100— $2.00; Everbearing—Streamliner; Gem 100—$2.50; Ozark Beauty 100—$3.00; Thornless Boysenberry; Austin Dewberry—25—$2.00; 100—$6.00; Tree Form Blackberry; September Everbearing Blackberry 10—$2.00 prepaid. Garland Simmons, Mountainburg, Arkansas.

CERTIFIED STRAWBERRY PLANTS — Blakemore, Klondyke, Robinson, $6.00 per thousand. Tenn. Beauty, Florida 90, $7.00. Dixieland, Pocahontas, $10.00. Gem Everbearing, Superfection $12.00. Express collect. 100 plants prepaid $2.00. C. L. McDaniel, Harrison, Tenn. Phone FI 4-6797.

CERTIFIED STRAWBERRY PLANTS: Blakemore, Fla. 90, Missionary $5.00 thousand. Klondyke, Premier $6.00; Tenn. Beauty, Dixieland $8.00; Pocahontas, Gem Everbearing, Superfection $10.00. Either variety 100 Postpaid $2.00. Telephone GR 2-4380, John Bancroft, McDonald, Tennessee.

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Please Write Today For Our Fall 1961 Vegetable Plant Prices to
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of
• CABBAGE • ONION • TOMATO
PEPPER • SWEET POTATO PLANTS
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OPPORTUNITY TO earn $15,000-$30,000 annually. Franchise protected. Granted on $12,500 basis. Live at home. No merchandise to buy. Selfemployed. One of most exclusive and noncompetitive Businesses in United States and Canada. Send for free explanatory booklet. Harrell & Company, Box 8-A, Louisville, Ill.

DRIED MUSHROOMS. $4.50 lb. for large Canning Company. Receiving warehouse in United States. Growers wanted on contract; everything supplied. Mushroom Salt Co., 548 Calgary, Alberta, Canada.

TEAR OUT THIS AD, and mail with name, address for big box of home needs and cosmetics for Free Trial, to test in your home. Tell your friends, make money. Rush name. BLAIR, Dept. 399ET2, Memphis, Tenn.

MEN!—WOMEN! Make money raising bait for us at home! Easy! Guaranteed Market! We buy your crop! Details Free. Red Wigglers, Warsaw 22, Indiana.

$400.00 MONTHLY raising giant African worms. Odorless soilless method. Charlie Morgan, Box 1164, Bushnell, Florida.

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Developed and Enlarged PLUS
New fresh Kodacolor roll . . .
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8 or 12 Exposures Developed and Enlarged plus new fresh Kodak film roll 60¢

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NEW LOW PRICE. 25 Wallet Photos, $1.00. Size 2½ x 3½—velvet finish from your photograph, snapshot or negative. Owl Photo Co., Dept. 9W, Weatherford, Okla.

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returned with fresh 20 Exp. Kodachrome roll

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BEAUTIFULLY COLORED 8x10 from negative or photo $1.00; Four, $3.00. Surgals, Box 849, Chicago 90.

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With each roll developed and printed pictures developed Jumbo, put in attractive folder at no extra cost to you. 8 Exposure roll 40¢—12 or 16 exposure roll 60¢. Reprints 5¢ each. Modern equipment, skilled operators, one day service. Write for free mailers, price list, coupon. Full line Photographic supplies.

C-LECT PHOTO
Box 4500 Dept. B DALLAS, TEXAS

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BEAUTIFUL MASTERCRAFT PORTRAITS from one photo or negative (returned). Four 5x7s $1.00. Twenty wallets $1.00. Two oilcolor 8x10's $1.00. All 26 portraits only $2.49. Portraitco. FR780, Sweetwater, Texas.

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INTEREST TO WOMEN

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FREE OUTFIT, Christian Items pay you good money spare time. Show friends, neighbors Religious Plaques, Jewelry, Bibles, Scripture Greetings Cards, etc. Take easy orders, keep up to 50c of every $1.00, Free Gifts, too. Get Free Outfit, write Friendship House, One Grace Street, Dept. 563ET2, Lynchburg, Va.

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$50 TO $500

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IT'S EASY! IT'S FUN!

$50.00 **EVERYTIME** 10 members each sell 10 cans of Kitchen-Fresh Cocoanut or Old Fashioned Creamy Mint Candy at $1.00 per can! **PROFIT! 100% MARK UP!** The quart size canisters cost your group 50c each and sell for $1.00! **SEND NO MONEY!** Order 100 cans today. Take up to 30 days to send $50 payment. Give your name, title and complete address, name and address of 2nd officer, name of school, group, church, lodge, etc., quantity of each desired, and nearest express office (no parcel post). Extras sent FREE to cover shipping cost. Offer open to groups only.

VERNE COLLIER Dept. F-37
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YOUR CHURCH OR GROUP can raise $50.00 and more, easy and fast. Have 10 members each sell only twenty 50c packages my lovely cherry Christmas Carol Table Napkins. Keep $50 for your treasury. No money needed. Free Samples. Anna Wade, Dept. 239BT1, Lynchburg, Va.

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$300 FOR YOUR CHILD'S PHOTO

This child's mother received big check

Up to $300 paid for children's photos when used for advertising. Ages 2 mos. to 20 yrs. Rush 1 small photo for approval. Print child's and mother's name, address on back. Returned. No obligation.

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Candy & Cake Craft, Dept D-32, Fallbrook, Calif.

FREE! FREE! 3 month sample subscription to "Fun and Profit Hobbies" magazine for Cake Decorators and Candymakers.

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INTEREST TO WOMEN

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SEW OUR CUT APRONS SPARETIME, Easy, Profitable. Apron Enterprises, Caldwell 6, Arkansas.

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SEW simple product at home for stores. No charge for materials. Write: ADCO, Bastrop 27, Louisiana.

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FREE BOOK: "600 Unusual Businesses." Box 1001-FRB, Evanston, Illinois.

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ASSEMBLE ARTIFICAL FISH Lures. Easy, Profitable. Write: Artificial Lures, Lake Village 1, Arkansas.

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INTEREST TO ALL

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Irrigates, drains, sprays, etc. Use 1/6 HP motor or larger. ¾ HP for up to 2,400 GPH; or 1800 GPH from 25' well. 1" inlet; ¾" outlet. Stainless shaft. Won't rust or clog. Coupling free.....$7.95
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YOUR CHURCH OR GROUP can raise $50.00 and more, easy and fast. Have 10 members each sell only ten $1.25 cans my famous Special Grind Pure Black Pepper. Keep $50 for your treasury. No money needed. Write Anna Elizabeth Wade, Dept. 239BT2, Lynchburg, Va.

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CHRISTMAS AND ALL OCCASION CARDS for individuals or organizations to sell. New exclusive 1961 line at 1956 prices. 25 for $1.00 and up. Also personalized cards. Over 400 different items. Stationery, toys, costume jewelry and clever gadgets. Up to 100% profit. No experience needed. Assortments sent on approval. Write Style Craft Greeting Card Co., Dept. H, 5533 Troost, Kansas City, Missouri.

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RUN A SPARE-TIME Greeting Card and Gift Shop at home. Show friends samples of our new 1961 Christmas and All Occasion Greeting Cards and Gifts. Take their orders and earn to 100% profit. No experience necessary. Costs nothing to try. Write today for samples on approval. Regal Greetings, Dept. 39, Ferndale, Michigan.

"EASIEST $100 I EVER MADE," says Georgia housewife! Make $100 on 100 boxes new GOLD-COLOR personalized Christmas Cards; beautiful assortments, exciting gifts, wrappings. Sample kit on approval; FREE Sample Album. Write SOUTHERN, 473 N. Hollywood, Dept. K-26, Memphis, Tennessee.

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$180 MONTHLY COMMISSION on 4 easy orders a day, selling Nationally Advertised line comfort, shoes, warm jackets. 230 styles. No investment—postcard brings FREE OUTFIT. Mason, Chippewa Falls K-390, Wis.

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WANT PLEASANT OUTDOOR WORK in a business of your own? Good profits selling over 200 widely advertised Rawleigh home-farm necessities. Pays better than most occupations. Hundreds in business 5 to 20 years or more! Products-equipment on credit (U.S. and Canada). No experience needed to start. Write today for full particulars. RAWLEIGH'S, Dept. J-145-FYZ, Memphis, Tenn.

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SALESMEN WANTED

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CHRISTIAN ITEMS pay you good money spare time. Show Free Outfit to friends, neighbors, take orders for Religious Plaques, Jewelry, Bibles, Scripture Greeting Cards, over 70 items. Keep up to 50c of every $1.00 ordered, get Free Gifts, too. Rush name, address for Free Outfit. Friendship House, One Grace Street, Dept. 563ET1, Lynchburg, Va.

START NOW TO EARN EXTRA XMAS MONEY! Hundreds of gift items! Make up to 60% profit demonstrating famous Hollywood cosmetics and gifts to your friends and neighbors. For free samples and full details send name to STUDIO GIRL COSMETICS, Dept. 6110Z, Glendale, California, Canadians: 850 LaFleur, Montreal.

FASHION DEMONSTRATORS — $20-$40 Profit Evenings. No delivering or collecting. Beeline Style Shows are Party Plan sensation! Samples furnished Free. Beeline Fashions, Bensenville 66, Illinois.

CLIP THIS AD, mail with name, address for Free Trial box of home needs, cosmetics, details of easy plan that gives you lamps, toasters, good money spare time. Write Blair, Dept. 399ET3, Memphis, Tenn.

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IMMEDIATE OPENINGS, BARBER TRAINING. GI-approved. Write for free catalog or call FR 5-0211, 119 Main, Little Rock, Arkansas. EATON BARBER COLLEGE.

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EARN $240.00 A MONTH at home, spare time, doing only two $5.00 Invisible Mending jobs a day. Big money paid for service that makes cuts, tears, disappear from fabrics. Steady demand. Details free. Fabricon, 6235 Broadway, Chicago 40, Ill.

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INVESTIGATE AUTO ACCIDENTS—Earn $750 to $1,000 monthly. More investigators urgently needed. Car furnished; business expenses paid. No college education necessary. No selling of any kind. Pick your own job locality. Meet interesting, important people. We train you at home in spare time. You keep present job until ready to switch. Write for FREE Booklet. No obligation. LIBERTY SCHOOL, Dept. C-1368, Libertyville, Illinois.

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OLD FASHIONED TAFFY—Assorted or Molasses. Send $1.00 name and address for Sampler. Mullane Taffy Company, 4705 Montgomery Road, Cincinnati (12), Ohio.

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DETECTIVES EARN BIG MONEY. Experience unnecessary. Detective Particulars free. Write Wargner, 125 West 86th, N. Y.

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CIVIL SERVICE. Training for U. S. Tests. Get full information about this field, home study preparation for high rating. Free booklet. Private organization. No obligation. Franklin Institute, Dept. J110, Rochester 4, N. Y.

CALCULATING MADE FAST, EASY. 10" Slide Rule, Complete Instructions. $2.00. Colen, 7731-AG Yates, Chicago 49.

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Oklahoma looks at trashy farming

TRASHY farming, which once labelled a farmer as a lazy soul, is getting an octopus-pronged look across Oklahoma's wheat belt this year.

Although being praised by OSU experts, the trashy farming or stubble mulching idea isn't being promoted as a miracle performer.

They're looking at ways to maintain yields while conditioning the soil with crop residues.

"We know stubble mulching is not better than clean tillage as far as yields are concerned," said Dr. Billy Tucker, who has conducted research at Cherokee, Perkins, Goodwell and Pocaset. "But we also know it is better than clean tillage for the soil."

Gradual approaches to the problem are being made with on-farm demonstrations by county agents and soil conservation districts.

No sweeping recommendations on stubble mulching will be made until a lot of answers are found, Dr. A. M. Schlehuber said. He's in charge of OSU small grain research.

They want to know the effects of the large amounts of trash on insect problems, and the rapidity of cheat grass infestations. The latter is a problem in Oklahoma this year, and the scientists figure there's a chance that natural enemies of wheat insects might build up fast enough to put the pest population out of balance.

Plains Cotton in Japan

"PRODEX" is the name of the newly opened office of the Plains Cotton Cooperative Association in Japan. Object of the sales office opened in Japan is to stimulate interest among Japanese importers and millers in using fiber produced in the South Plains of Texas, according to a PCCA representative.

Actual sales effort will start with the 1961 crop.

Herbicidal Oils for Soybeans

HERBICIDAL oils made their appearance in Arkansas soybean fields this year. But growers learned they had to handle the weed control idea with gloves. R. E. Frans at the University of Arkansas said the oils were cheap and worth considering "if the grower already had equipment for oiling weeds in cotton."

Some tips to remember for next year: beans should be at least 12 inches high or 12 to 16 days old. Weeds must be succulent, an inch or so high. Five gallons of herbicidal oils will turn the trick.

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From BILL KENNEDY, Editor

WASHINGTON WIRE

Grease for the Squeaking "Wheels"

Washington, D.C.—Doctors bury their mistakes. Politicians blame theirs on the "previous administration." Secretary Freeman is bound and determined to "do something" for farmers—even if it kills them—while he can still blame his failures on inherited surpluses. Farmers didn't want his Feed Grains bill but they're getting a second dose of it just the same.

In a FARM AND RANCH reader survey conducted in August (for results, see "Contents," page 4), 80% of the readers who answered voted against the program. And 99% of the answers came from real dirt farmers.

The vote against the Omnibus Bill and, in fact, against Freeman himself was just as one-sided.

On the other hand, 79% of the wheat growers who voted in referendum "approved the wheat program," the farm-by-government advocates remind us. Sure they did! Reason? *Because they had no choice.* This, like all other farmer referenda to date (and like others to follow) was like showing a youngster a candy sucker and a switch and asking him which he wants.

Like a blundering father giving a 10-year-old his *second* dose of castor oil, this Administration aims to cram controls down farmers' throats no matter how hard they struggle or scream. (Little does it seem to matter that this is not the right cure for farming's belly-ache.)

The Southeastern Poultry and Egg Association and the Georgia Poultry Federation conducted polls among their members—at the time of the lowest price ebb in the history of modern broiler production—and their answer was amazingly the same as that of FARM AND RANCH readers: More than 80% said, "We want no government controls."

Stacked decks? Manipulation? Coincidence? We don't think so, Mr. Secretary.

And certainly the rest of the taxpayers have *long since* been disgusted with high priced farm programs.

Yet, at the very time this poultry poll was being conducted, some of the shadiest political shenanigans in farm legislation history were being back-staged in Washington to get poultry controls written into the farm bill. Rep. Carl Elliot (D-Ala.)—a pawn of the Administration, who has a personal and family interest in a poultry business—tried to amend the bill to include authority for poultry controls. He almost succeeded. (See September 'Washington Wire" for report on a similar move in the Senate.)

The Secretary's office is not getting all its help from the politicians in *government*, however. The 15 to 20% of farmers who *do* think government "mothering" is the only answer is making loud noises. And this group is joined by some misinformed and treacherous mouthpieces. Hiding under a hypocritical shroud of pious concern for the "poor little farmer," some farm publications and others are playing right into the hands of politicians who would make peasants of so-far independent operators.

One Southern farm magazine editorialized: "The idea of putting farm programs in the hands of producing farmers elected by farmers is good. It shouldn't be allowed to die. Let's begin now to work for passage next year." It concluded by adding, "Wouldn't it be a godsend?"

Well, God hasn't moved His headquarters to Washington . . . *yet*. In the first place, farmers have no more right to write farm laws than labor has to write labor laws, or big business to write tax laws—up to now laws have been made by representatives of *all* the people. But even more important to farmers, these "program pushers" ignore the fact that the committees wouldn't be elected but would be appointed by the Secretary; and—even if elected—would be paid by him (as proposed this year).

Anybody who claims the Secretary wouldn't control them—and (in this case) follow the planned chart to socialized agriculture—is either a Cloud-9 dreamer or is knowingly aiding the planned government take-over.

As soon as turkey marketing orders were "permitted," some turkey people called on USDA to "do something." Within a year they'll have a national marketing order, duly accepted by referendum of "producers" called eligible by the Secretary. (Unless you know for sure that you and your followers will *never want* to grow turkeys on your farm, why shouldn't *you* have a vote?)

Marketing quotas will follow. Turkey hatching egg quotas will already be on the way. By manipulations with grain prices and otherwise, and possibly by making turkey prices look attractive, the government Socialists hope and plan for other commodity groups to call for similar aid. And they'll provide it.

There is no farm commodity group that doesn't have its share of soreheads, hangers on and others who will gladly "squeak" for help when the time is right. These squeaking wheels are what the bureaucrats and politicians count on for the opportunity to offer "voluntary programs."

If and when the power tools are granted—then comes a "freeze" on production and expansion that will prevent new producers or new areas from producing these commodities except as government directs it. The clamp will then have closed.

FARM AND RANCH said once that if the farmers of America bought the Omnibus Bill with its control clauses "they deserve what happens to them." They didn't buy. We urge them now not to fall into the bear trap presently being set for them. If they do they not only admit that they are too dumb to run their own business . . . they also help to prove that Americans are not smart enough to *govern* themselves.

Members of the Future Farmers of America watch an electric motor demonstration in Texas. They attend Mary Carroll High School in Corpus Christi. The demonstrator is Bruce Miller, Rural Sales Representative of the Central Power and Light Company.

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